

2015-2016 CATALOG

TRIVANTAGE

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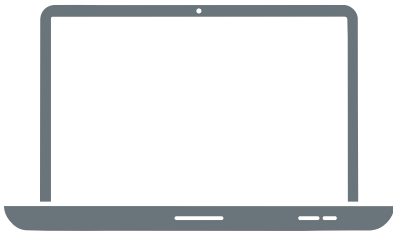


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SECTION 1 FABRIC

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SUNBRELLA® AWNING/MARINE SOLIDS 46 IN.

A favorite for awning and marine use, Sunbrella fabric offers excellent fade and weather resistance. The fabric is water repellent, yet is also soft and easy to work with. A wide selection of colors and patterns are available to choose from, and also coordinate with Sunbrella upholstery fabrics. Sunbrella makes it easy to create beautiful designs that outperform the elements.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874532	4632-0000	Ivy	65 yd.	9.25 oz.	46 in.
874561	4661-0000	Crest Denim	65 yd.	9.25 oz.	46 in.
874600	4600-0000	Erin Green	65 yd.	9.25 oz.	46 in.
874601	4601-0000	Pacific Blue	65 yd.	9.25 oz.	46 in.
874602	4602-0000	Sunflower Yellow	65 yd.	9.25 oz.	46 in.
874603	4603-0000	Jockey Red	65 yd.	9.25 oz.	46 in.
874604	4604-0000	Natural	65 yd.	9.25 oz.	46 in.
874605	4605-0000	Hemlock Tweed	65 yd.	9.25 oz.	46 in.
874606	4606-0000	Dubonnet Tweed	65 yd.	9.25 oz.	46 in.
874607	4607-0000	Charcoal Tweed	65 yd.	9.25 oz.	46 in.
874608	4608-0000	Black	65 yd.	9.25 oz.	46 in.
874609	4609-0000	Orange	65 yd.	9.25 oz.	46 in.
874610	4610-0000	Turquoise	65 yd.	9.25 oz.	46 in.
874612	4612-0000	Aruba	65 yd.	9.25 oz.	46 in.
874614	4614-0000	Tan	65 yd.	9.25 oz.	46 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874615	4615-0000	Smoke	65 yd.	9.25 oz.	46 in.
874616	4616-0000	Mocha Tweed	65 yd.	9.25 oz.	46 in.
874617	4617-0000	Royal Blue Tweed	65 yd.	9.25 oz.	46 in.
874618	4618-0000	Walnut Brown	65 yd.	9.25 oz.	46 in.
874620	4620-0000	Beige	65 yd.	9.25 oz.	46 in.
874621	4621-0000	True Brown	65 yd.	9.25 oz.	46 in.
874622	4622-0000	Terra Cotta	65 yd.	9.25 oz.	46 in.
874623	4623-0000	Aquamarine	65 yd.	9.25 oz.	46 in.
874624	4624-0000	Sky Blue	65 yd.	9.25 oz.	46 in.
874626	4626-0000	Navy	65 yd.	9.25 oz.	46 in.
874628	4628-0000	Toast	65 yd.	9.25 oz.	46 in.
874630	4630-0000	Cadet Grey	65 yd.	9.25 oz.	46 in.
874631	4631-0000	Burgundy	65 yd.	9.25 oz.	46 in.
874633	4633-0000	Linen	65 yd.	9.25 oz.	46 in.
874635	4635-0000	Buttercup	65 yd.	9.25 oz.	46 in.
874637	4637-0000	Forest Green	65 yd.	9.25 oz.	46 in.
874640	4640-0000	Black Cherry	65 yd.	9.25 oz.	46 in.
874641	4641-0000	Sapphire Blue	65 yd.	9.25 oz.	46 in.
874642	4642-0000	Oyster	65 yd.	9.25 oz.	46 in.
874643	4643-0000	Persian Green	65 yd.	9.25 oz.	46 in.
874644	4644-0000	Charcoal Grey	65 yd.	9.25 oz.	46 in.
874645	4645-0000	Seagrass Green	65 yd.	9.25 oz.	46 in.
874646	4646-0000	Captain Navy	65 yd.	9.25 oz.	46 in.
874648	4648-0000	Taupe	65 yd.	9.25 oz.	46 in.
874651	4651-0000	Silver	65 yd.	9.25 oz.	46 in.
874652	4652-0000	Mediterranean Blue	65 yd.	9.25 oz.	46 in.
874653	4653-0000	Mediterranean Blue Tweed	65 yd.	9.25 oz.	46 in.
874654	4654-0000	Linen Tweed	65 yd.	9.25 oz.	46 in.
874655	4655-0000	Alpine	65 yd.	9.25 oz.	46 in.
874658	4658-0000	Tresco Brass	65 yd.	9.25 oz.	46 in.
874660	4660-0000	Crest Birch	65 yd.	9.25 oz.	46 in.
874662	4662-0000	Crest Ash	65 yd.	9.25 oz.	46 in.
874663	4663-0000	Hyacinth			
874664	4664-0000	Sea			
874665	4665-0000	Concord	65 yd.	9.25 oz.	46 in.
874666	4666-0000	Logo Red	65 yd.	9.25 oz.	46 in.
874667	4667-0000	Mahogany	65 yd.	9.25 oz.	46 in.
874668	4668-0000	Aspen	65 yd.	9.25 oz.	46 in.
874671	4671-0000	Fern	65 yd.	9.25 oz.	46 in.
874672	4672-0000	Heather Beige	65 yd.	9.25 oz.	46 in.
874673	4673-0000	Spa	65 yd.	9.25 oz.	46 in.
874674	4674-0000	Wheat	65 yd.	9.25 oz.	46 in.
874675	4675-0000	Capri	65 yd.	9.25 oz.	46 in.
874676	4676-0000	Cocoa	65 yd.	9.25 oz.	46 in.
874677	4677-0000	Tuscan	65 yd.	9.25 oz.	46 in.
874678	4678-0000	Marine Blue	65 yd.	9.25 oz.	46 in.
874679	4679-0000	Ocean Blue	65 yd.	9.25 oz.	46 in.
874683	4683-0000	Parchment	65 yd.	9.25 oz.	46 in.
874684	4684-0000	Slate	65 yd.	9.25 oz.	46 in.
874685	4685-0000	Gingko	65 yd.	9.25 oz.	46 in.
874686	4686-0000	Nutmeg	65 yd.	9.25 oz.	46 in.
874688	4688-0000	Basil	65 yd.	9.25 oz.	46 in.
874689	4689-0000	Rust	65 yd.	9.25 oz.	46 in.
874695	4695-0000	Tresco Linen	65 yd.	9.25 oz.	46 in.
874696	4696-0000	Tresco Birch	65 yd.	9.25 oz.	46 in.
874697	4697-0000	Tresco Ginger	65 yd.	9.25 oz.	46 in.
874698	4698-0000	Tresco Clay	65 yd.	9.25 oz.	46 in.
874699	4699-0000	Tresco Brick	65 yd.	9.25 oz.	46 in.
874858	4858-0000	Silica Barley	65 yd.	9.25 oz.	46 in.
874859	4859-0000	Silica Dune	65 yd.	9.25 oz.	46 in.
874860	4860-0000	Silica Sesame	65 yd.	9.25 oz.	46 in.
874861	4861-0000	Silica Stone	65 yd.	9.25 oz.	46 in.
874862	4862-0000	Silica Silver	65 yd.	9.25 oz.	46 in.
874896	4896-0000	Silica Sage	65 yd.	9.25 oz.	46 in.
874897	4897-0000	Silica Charcoal	65 yd.	9.25 oz.	46 in.
875700	4700-0000	Mix Redwood	65 yd.	9.25 oz.	46 in.
875701	4701-0000	Mix Emerald	65 yd.	9.25 oz.	46 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® AWNING/MARINE SOLIDS 60 IN.

A favorite for awning and marine use, Sunbrella fabric offers excellent fade and weather resistance. The fabric is water repellent, yet is also soft and easy to work with. A wide selection of colors and patterns are available to choose from, and also coordinate with Sunbrella upholstery fabrics. Sunbrella makes it easy to create beautiful designs that outperform the elements.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
721739	2079-0000	Royal Navy	60 yd.	9.25 oz.	60 in.
721741	6009-0000	Orange	60 yd.	9.25 oz.	60 in.
721742	6014-0000	Tan	60 yd.	9.25 oz.	60 in.
721743	6016-0000	Mocha Tweed	60 yd.	9.25 oz.	60 in.
721744	6022-0000	Terra Cotta	60 yd.	9.25 oz.	60 in.
721745	6000-0000	Erin Green	60 yd.	9.25 oz.	60 in.
721746	6002-0000	Sunflower Yellow	60 yd.	9.25 oz.	60 in.
721747	6007-0000	Charcoal Tweed	60 yd.	9.25 oz.	60 in.
721748	6010-0000	Turquoise	60 yd.	9.25 oz.	60 in.
721750	6001-0000	Pacific Blue	60 yd.	9.25 oz.	60 in.
721751	6003-0000	Jockey Red	60 yd.	9.25 oz.	60 in.
721752	6004-0000	Natural	60 yd.	9.25 oz.	60 in.
721753	6005-0000	Hemlock Tweed	60 yd.	9.25 oz.	60 in.
721754	6006-0000	Dubonnet Tweed	60 yd.	9.25 oz.	60 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
721755	6008-0000	Black	60 yd.	9.25 oz.	60 in.
721757	6017-0000	Royal Blue Tweed	60 yd.	9.25 oz.	60 in.
721758	6018-0000	Walnut Brown	60 yd.	9.25 oz.	60 in.
721759	6021-0000	True Brown	60 yd.	9.25 oz.	60 in.
721760	6023-0000	Aquamarine	60 yd.	9.25 oz.	60 in.
721761	6024-0000	Sky Blue	60 yd.	9.25 oz.	60 in.
721762	6026-0000	Navy	60 yd.	9.25 oz.	60 in.
721763	6028-0000	Toast	60 yd.	9.25 oz.	60 in.
721764	6030-0000	Cadet Grey	60 yd.	9.25 oz.	60 in.
721765	6031-0000	Burgundy	60 yd.	9.25 oz.	60 in.
721766	6012-0000	Aruba	60 yd.	9.25 oz.	60 in.
721767	6033-0000	Linen	60 yd.	9.25 oz.	60 in.
721768	6027-0000	Salmon	60 yd.	9.25 oz.	60 in.
721770	6035-0000	Buttercup	60 yd.	9.25 oz.	60 in.
721771	6037-0000	Forest Green	60 yd.	9.25 oz.	60 in.
721774	6040-0000	Black Cherry	60 yd.	9.25 oz.	60 in.
721775	6041-0000	Sapphire Blue	60 yd.	9.25 oz.	60 in.
721776	6042-0000	Oyster	60 yd.	9.25 oz.	60 in.
721777	6043-0000	Persian Green	60 yd.	9.25 oz.	60 in.
721778	6044-0000	Charcoal Grey	60 yd.	9.25 oz.	60 in.
721779	6045-0000	Seagrass Green	60 yd.	9.25 oz.	60 in.
721780	6046-0000	Captain Navy	60 yd.	9.25 oz.	60 in.
721782	6048-0000	Taupe	60 yd.	9.25 oz.	60 in.
721784	6050-0000	Teal Tweed	60 yd.	9.25 oz.	60 in.
721785	6051-0000	Silver	60 yd.	9.25 oz.	60 in.
721786	6052-0000	Mediterranean Blue	60 yd.	9.25 oz.	60 in.
721787	6053-0000	Mediterranean Blue Tweed	60 yd.	9.25 oz.	60 in.
721788	6054-0000	Linen Tweed	60 yd.	9.25 oz.	60 in.
721789	6055-0000	Alpine	60 yd.	9.25 oz.	60 in.
721790	6020-0000	Beige	60 yd.	9.25 oz.	60 in.
721795	6058-0000	Tresco Brass	60 yd.	9.25 oz.	60 in.
721799	6065-0000	Concord	60 yd.	9.25 oz.	60 in.
721800	6066-0000	Logo Red	60 yd.	9.25 oz.	60 in.
721801	6067-0000	Mahogany	60 yd.	9.25 oz.	60 in.
721802	6068-0000	Aspen	60 yd.	9.25 oz.	60 in.
721805	6071-0000	Fern	60 yd.	9.25 oz.	60 in.
721806	6072-0000	Heather Beige	60 yd.	9.25 oz.	60 in.
721807	6073-0000	Spa	60 yd.	9.25 oz.	60 in.
721808	6074-0000	Wheat	60 yd.	9.25 oz.	60 in.
721809	6075-0000	Capri	60 yd.	9.25 oz.	60 in.
721810	6076-0000	Cocoa	60 yd.	9.25 oz.	60 in.
721811	6077-0000	Tuscan	60 yd.	9.25 oz.	60 in.
721812	6078-0000	Marine Blue	60 yd.	9.25 oz.	60 in.
721813	6079-0000	Ocean Blue	60 yd.	9.25 oz.	60 in.
721814	6094-0000	Tresco Indigo	60 yd.	9.25 oz.	60 in.
721815	6015-0000	Smoke	60 yd.	9.25 oz.	60 in.
721817	6083-0000	Parchment	60 yd.	9.25 oz.	60 in.
721818	6084-0000	Slate	60 yd.	9.25 oz.	60 in.
721821	6085-0000	Gingko	60 yd.	9.25 oz.	60 in.
721822	6086-0000	Nutmeg	60 yd.	9.25 oz.	60 in.
721823	6087-0000	Mineral Blue	60 yd.	9.25 oz.	60 in.
721824	6088-0000	Basil	60 yd.	9.25 oz.	60 in.
721825	6089-0000	Rust	60 yd.	9.25 oz.	60 in.
721826	6095-0000	Tresco Linen	60 yd.	9.25 oz.	60 in.
721827	6096-0000	Tresco Birch	60 yd.	9.25 oz.	60 in.
721828	6097-0000	Tresco Ginger	60 yd.	9.25 oz.	60 in.
721829	6098-0000	Tresco Clay	60 yd.	9.25 oz.	60 in.
721830	6099-0000	Tresco Brick	60 yd.	9.25 oz.	60 in.
721832	6032-0000	Ivy	60 yd.	9.25 oz.	60 in.
721872	2389-0000	Toast Tweed	60 yd.	9.25 oz.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNBRELLA® AWNING/MARINE SOLIDS 80 IN.

A favorite for awning and marine use, Sunbrella fabric offers excellent fade and weather resistance. The fabric is water repellent, yet is also soft and easy to work with. A wide selection of colors and patterns are available to choose from, and also coordinate with Sunbrella upholstery fabrics. Sunbrella makes it easy to create beautiful designs that outperform the elements.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
722301	80001-0000	Pacific Blue	50 yd.	9.25 oz.	80 in.
722308	80008-0000	Black	50 yd.	9.25 oz.	80 in.
722328	80028-0000	Toast	50 yd.	9.25 oz.	80 in.
722330	80030-0000	Cadet Grey	50 yd.	9.25 oz.	80 in.
722331	80031-0000	Burgundy	50 yd.	9.25 oz.	80 in.
722337	80037-0000	Forest Green	50 yd.	9.25 oz.	80 in.
722346	80046-0000	Captain Navy	50 yd.	9.25 oz.	80 in.

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SUNBRELLA® AWNING STRIPES

Awnings made with Sunbrella fabric provide protection from the elements and extend your living space. Stylish awning stripes make a statement, and coordinate beautifully with other Sunbrella fabrics.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874702	5702-0000	Beaufort Yellow/White 6 Bar	65 yd.	9.25 oz.	46 in.
874704	5704-0000	Beaufort Black/White 6 Bar	65 yd.	9.25 oz.	46 in.
874751	4751-0000	Hemlock Tweed Fancy	65 yd.	9.25 oz.	46 in.
874755	4755-0000	Blue Fancy	65 yd.	9.25 oz.	46 in.
874762	4762-0000	Era Cornsilk	65 yd.	9.25 oz.	46 in.
874763	4763-0000	Era Indigo	65 yd.	9.25 oz.	46 in.
874764	4764-0000	Era Mist	65 yd.	9.25 oz.	46 in.
874766	4766-0000	Era Ash	65 yd.	9.25 oz.	46 in.
874767	4767-0000	Preston Radiance	65 yd.	9.25 oz.	46 in.
874768	4768-0000	Preston Stone	65 yd.	9.25 oz.	46 in.
874770	4770-0000	Providence Americana	65 yd.	9.25 oz.	46 in.
874773	4773-0000	Bisque Brown	65 yd.	9.25 oz.	46 in.
874776	4776-0000	Chocolate Chip Fancy	65 yd.	9.25 oz.	46 in.
874777	4777-0000	Gray/Beige Chip Fancy	65 yd.	9.25 oz.	46 in.
874789	4789-0000	Manhattan Classic	65 yd.	9.25 oz.	46 in.
874790	4790-0000	Forest Green Fancy	65 yd.	9.25 oz.	46 in.
874796	4796-0000	Beige/White	65 yd.	9.25 oz.	46 in.
874798	4798-0000	Burgundy/Black/White	65 yd.	9.25 oz.	46 in.
874799	4799-0000	Gray/Black/White	65 yd.	9.25 oz.	46 in.
874806	4806-0000	Beaufort Forest Green/Natural 6 Bar	65 yd.	9.25 oz.	46 in.
874813	4813-0000	Eastland Redwood	65 yd.	9.25 oz.	46 in.
874817	4817-0000	Westfield Mushroom	65 yd.	9.25 oz.	46 in.
874829	4829-0000	Balance Tidepool	65 yd.	9.25 oz.	46 in.
874830	4830-0000	Balance Ember	65 yd.	9.25 oz.	46 in.
874934	4934-0000	Intrigue Neon	65 yd.	9.25 oz.	46 in.
874855	4855-0000	Colonnade Fossil	65 yd.	9.25 oz.	46 in.
874856	4856-0000	Colonnade Juniper	65 yd.	9.25 oz.	46 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874857	4857-0000	Colonnade Redwood	65 yd.	9.25 oz.	46 in.
874868	4868-0000	Kiawah Spa	65 yd.	9.25 oz.	46 in.
874876	4876-0000	Manhattan Fog	65 yd.	9.25 oz.	46 in.
874878	4878-0000	Rodanthe Sunrise	65 yd.	9.25 oz.	46 in.
874879	4879-0000	Rodanthe Metallic	65 yd.	9.25 oz.	46 in.
874884	4884-0000	Saxon Cascade	65 yd.	9.25 oz.	46 in.
874885	4885-0000	Saxon Chili	65 yd.	9.25 oz.	46 in.
874888	4888-0000	Clinton Granite	65 yd.	9.25 oz.	46 in.
874889	4889-0000	Courtland Pebble	65 yd.	9.25 oz.	46 in.
874891	4891-0000	Manhattan Dune	65 yd.	9.25 oz.	46 in.
874894	4894-0000	Motive Dusk	65 yd.	9.25 oz.	46 in.
874895	4895-0000	Motive Denim	65 yd.	9.25 oz.	46 in.
874901	4901-0000	Navy/Green/Yellow/Red Regimental	65 yd.	9.25 oz.	46 in.
874902	4902-0000	Captain Navy/NT Classic	65 yd.	9.25 oz.	46 in.
874907	4907-0000	Taupe 5-Bar	65 yd.	9.25 oz.	46 in.
874909	4909-0000	Plum Fancy	65 yd.	9.25 oz.	46 in.
874916	4916-0000	Navy/Taupe Fancy	65 yd.	9.25 oz.	46 in.
874921	4921-0000	Mediterranean/Canvas Block Stripe	65 yd.	9.25 oz.	46 in.
874923	4923-0000	Black Forest Fancy	65 yd.	9.25 oz.	46 in.
874932	4932-0000	Forest/Beige/Natural/Sage Fancy	65 yd.	9.25 oz.	46 in.
874939	4939-0000	Brass/Black Cherry Classic	65 yd.	9.25 oz.	46 in.
874945	4945-0000	Taupe Tailored Bar	65 yd.	9.25 oz.	46 in.
874946	4946-0000	Black/Taupe Fancy	65 yd.	9.25 oz.	46 in.
874948	4948-0000	Sapphire Vintage	65 yd.	9.25 oz.	46 in.
874949	4949-0000	Forest Vintage Bar Stripe	65 yd.	9.25 oz.	46 in.
874954	4954-0000	Heather Beige Classic	65 yd.	9.25 oz.	46 in.
874955	4955-0000	Fern Classic	65 yd.	9.25 oz.	46 in.
874959	4959-0000	Fern/Heather Beige Blockstripe	65 yd.	9.25 oz.	46 in.
874961	4961-0000	Putty Regimental	65 yd.	9.25 oz.	46 in.
874969	4969-0000	Henna/Fern Vintage	65 yd.	9.25 oz.	46 in.
874985	4985-0000	Havelock Brick	65 yd.	9.25 oz.	46 in.
874987	4987-0000	Cooper Navy	65 yd.	9.25 oz.	46 in.
874988	4988-0000	Cooper Black	65 yd.	9.25 oz.	46 in.
874989	4989-0000	Hatteras Raven	65 yd.	9.25 oz.	46 in.
874991	4991-0000	Manteo Cardinal	65 yd.	9.25 oz.	46 in.
874992	4992-0000	Baycrest Sky	65 yd.	9.25 oz.	46 in.
874993	4993-0000	Baycrest Pacific	65 yd.	9.25 oz.	46 in.
874994	4994-0000	Eastridge Cocoa	65 yd.	9.25 oz.	46 in.
874995	4995-0000	Ashford Forest	65 yd.	9.25 oz.	46 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNBRELLA® AWNING JACQUARDS

Fundamental is a new specialty shade product available from Sunbrella for upscale, highly decorative applications. This jacquard features a houndstooth pattern, and is available in three colorways.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
875400	4400-0000	Fundamental Charcoal	60 yd.	10.33 oz.	54 in.
875401	4400-0001	Fundamental Sand	60 yd.	10.33 oz.	54 in.
875402	4400-0002	Fundamental Walnut	60 yd.	10.33 oz.	54 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® MAYFIELD COLLECTION

Available exclusively from Trivantage®, the Mayfield Collection of Sunbrella awning fabrics is a beautiful collection of sophisticated patterns and colors combining a premium aesthetic with Sunbrella’s legendary performance and durability. Classic designs in refined colors and wider repeats add style and elegance to any awning or canopy.

Coordinating awning fabrics with furniture is an effective way to elevate the appeal of shaded outdoor living spaces. Mayfield is designed to work with Sunbrella upholstery fabrics, including the Sunbrella Fusion collection, also available exclusively through Trivantage.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874691	4691-0000	Deep Sea	65 yd.	9.25 oz.	46 in.
874692	4692-0000	Palm	65 yd.	9.25 oz.	46 in.
874693	4693-0000	Pink	65 yd.	9.25 oz.	46 in.
874705	4705-0000	Hemlock Tweed Formal	65 yd.	9.25 oz.	46 in.
874754	4754-0000	Green Fancy	65 yd.	9.25 oz.	46 in.
874757	4757-0000	Cavalier Sedona	65 yd.	9.25 oz.	46 in.
874760	5760-0000	Beige/White 6-Bar (Beaufort)	65 yd.	9.25 oz.	46 in.
874818	4818-0000	Cordell Redwood	65 yd.	9.25 oz.	46 in.
874825	4825-0000	Granville Patina	65 yd.	9.25 oz.	46 in.
874826	4826-0000	Granville Tinsel	65 yd.	9.25 oz.	46 in.
874827	4827-0000	Granville Paprika	65 yd.	9.25 oz.	46 in.
874828	4828-0000	Granville Mohogany	65 yd.	9.25 oz.	46 in.
874833	4756-0000	Cavalier Colonial	65 yd.	9.25 oz.	46 in.
874834	4758-0000	Cavalier Raven	65 yd.	9.25 oz.	46 in.
874835	4759-0000	Crestview Oak	65 yd.	9.25 oz.	46 in.
874836	4760-0000	Crestview Mushroom	65 yd.	9.25 oz.	46 in.
874837	4761-0000	Crestview Seaglass	65 yd.	9.25 oz.	46 in.
874851	4851-0000	Coastal/Spa	65 yd.	9.25 oz.	46 in.
874854	4854-0000	Coastal/Herbal	65 yd.	9.25 oz.	46 in.
874880	4880-0000	Moreland Taupe	65 yd.	9.25 oz.	46 in.
874881	4881-0000	Moreland Chestnut	65 yd.	9.25 oz.	46 in.
874882	4882-0000	Moreland Clay	65 yd.	9.25 oz.	46 in.
874883	4883-0000	Moreland Nugget	65 yd.	9.25 oz.	46 in.
874922	4922-0000	Alpine Burgundy Pencil Stripe	65 yd.	9.25 oz.	46 in.
874928	4928-0000	Alpine/Beige 6-Bar (Beaufort)	65 yd.	9.25 oz.	46 in.
874960	4960-0000	Fern Graduated Stripe	65 yd.	9.25 oz.	46 in.
874962	4962-0000	Captain Navy Regimental	65 yd.	9.25 oz.	46 in.
874963	4963-0000	Forest Green Regimental	65 yd.	9.25 oz.	46 in.
874971	4971-0000	Lankford/Woodland	65 yd.	9.25 oz.	46 in.
874973	4973-0000	Hartwell/Fiesta	65 yd.	9.25 oz.	46 in.
874982	4982-0000	Beaufort/Classic	65 yd.	9.25 oz.	46 in.
874999	4999-0000	Brera Sorbet	65 yd.	9.25 oz.	46 in.

Sunbrella® and Trivantage® are registered trademarks of Glen Raven, Inc.



Clarity on the NCSU campus

SUNBRELLA® CLARITY

For awnings that are difficult to access for regular cleaning, look no further than Sunbrella® Clarity, an innovative awning fabric with low-maintenance attributes. Sunbrella Clarity features technology that works in two ways to help maintain a “like new” appearance.

The first is a photoactive ingredient fueled by UV light even on cloudy days or in moderate shade. This action creates a natural cleaning mechanism that decomposes organic material such as volatile organic compounds (VOCs), grime, oils, mold and mildew.

The second part of the cleaning process is a hydrophilic or moisture spreading component that allows the surface of the fabric to wet out, washing away particles of inorganic matter on the surface. The fabric temporarily darkens, but returns to its original color after drying. Sunbrella Clarity features a coating that prevents water from penetrating through the awning. These elements of sunlight and rain are necessary for Clarity to stay properly maintained.

FABRIC	100% Solution Dyed Acrylic
FINISH	Polyurethane Undercoating
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
892601	83001-0000	Pacific Blue	60 yd.	10 oz.	60 in.
892602	83002-0000	Sunflower	60 yd.	10 oz.	60 in.
892603	83003-0000	Jockey Red	60 yd.	10 oz.	60 in.
892608	83008-0000	Black	60 yd.	10 oz.	60 in.
892617	83017-0000	Royal Blue Tweed	60 yd.	10 oz.	60 in.
892620	83020-0000	Beige	60 yd.	10 oz.	60 in.
892622	83022-0000	Terra Cotta	60 yd.	10 oz.	60 in.
892628	83028-0000	Toast	60 yd.	10 oz.	60 in.
892630	83030-0000	Cadet Grey	60 yd.	10 oz.	60 in.
892631	83031-0000	Burgundy	60 yd.	10 oz.	60 in.
892633	83033-0000	Linen	60 yd.	10 oz.	60 in.
892637	83037-0000	Forest Green	60 yd.	10 oz.	60 in.
892644	83044-0000	Charcoal Grey	60 yd.	10 oz.	60 in.
892645	83045-0000	Seagrass	60 yd.	10 oz.	60 in.
892646	83046-0000	Captain Navy	60 yd.	10 oz.	60 in.
892648	83048-0000	Taupe	60 yd.	10 oz.	60 in.
892658	83058-0000	Tresco Brass	60 yd.	10 oz.	60 in.
892677	83077-0000	Tuscan	60 yd.	10 oz.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



Unity Collection



SUNBRELLA® UNITY

Renaissance fabrics were born from two objectives: creating beautiful vintage upholstery fabrics and recycling post-industrial fabric waste. Unity is the first Sunbrella Renaissance awning fabric. Crafted specifically for shade applications where subtle texture and distinctive detail creates a timeless charm, Unity is ideal for any awning.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
727500	85000-0000	Unity Ashe	60 yd.	12 oz.	60 in.
727501	85001-0000	Unity Granite	60 yd.	12 oz.	60 in.
727502	85002-0000	Unity Char	60 yd.	12 oz.	60 in.
727503	85003-0000	Unity Leaf	60 yd.	12 oz.	60 in.
727504	85004-0000	Unity Garnet	60 yd.	12 oz.	60 in.

SUNBRELLA® ALLOY

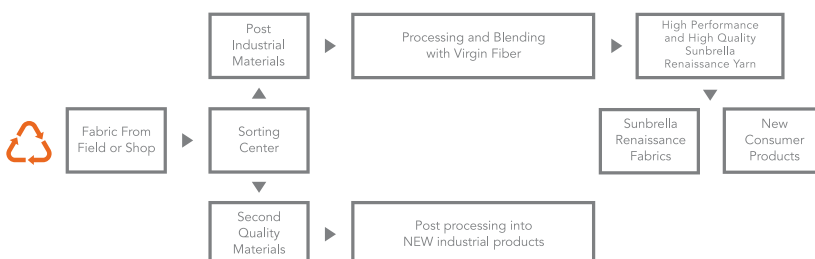
New Sunbrella specialty shade product Alloy is a contemporary shade fabric featuring a metallic look with a unique shimmer. This streamlined product offers a soft hand and is available in four colorways.

FABRIC	11.4% Sunbrella Acrylic, 63.9% PVC, 24.7% Polyester
FINISH	Fluorocarbon
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
875410	4401-0000	Alloy Vapor	45 yd.	15.58 oz.	60 in.
875411	4401-0001	Alloy Silver	45 yd.	15.58 oz.	60 in.
875412	4401-0002	Alloy Bronze	45 yd.	15.58 oz.	60 in.
875413	4401-0003	Alloy Steel	45 yd.	15.58 oz.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

Sunbrella® is a registered trademark of Glen Raven, Inc.





SUNBRELLA® AND MAYFIELD AWNING DISPLAY COMPLETE

SGS Thermal Digital Print Film is a flexible urethane film which can be digitally printed and applied to Sunbrella® or other Glen Raven fabrics using the Sunbrella Graphics System to produce high quality, durable graphics for banners, umbrellas, covers and many other textile applications where flexibility of the fabric and film is needed. The adhesive is thermal activated, is dry to the touch at low temperatures and will remain dry to the touch once cooled. The adhesive can reduce the application time by 75% compared to other pressure sensitive films. The film can also be used unprinted for white lettering or graphics where printing is not required but the flexibility/durability is important. SGS Thermal Digital Print Film is suitable for use in most solvent, eco-solvent, and UV printers. Sold in full rolls only.

ITEM #

999576

Sunbrella® is a registered trademark of Glen Raven, Inc.

SGS THERMAL DIGITAL PRINT FILM

SGS Thermal Digital Print Film is a flexible urethane film which can be digitally printed and applied to Sunbrella® or other Glen Raven fabrics using our Sunbrella Graphics System to produce high quality, durable graphics for banners, umbrellas, covers and many other textile applications where flexibility of the fabric and film is needed. The adhesive is thermal activated, is dry to the touch at low temperatures and will remain dry to the touch once cooled. This can reduce the application time by 75% compared to other pressure sensitive films. The film can also be used unprinted for white lettering or graphics where printing is not required but the flexibility/durability is important. SGS Thermal Digital Print Film is suitable for use in most solvent, eco-solvent, and UV printers. Sold in full rolls only.

ITEM #	STYLE #	PUT UP	WIDTH
901676	1676-0000	25.153 yd.	30 in.
901678	1678-0000	25.153 yd.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

SGS THERMAL LETTERING FILM

Unlike SGS Thermal Digital Print Film, SGS Thermal Lettering Film is only intended for lettering and is not printable.

The film's adhesive layer is on the face side (top) of the film, meaning that it will have to be "reverse-plotted", weeded and then applied to the fabric without the need of transfer tape – like standard SGS film.

Sold in full rolls only.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
901677	VIX1026	Black	25.153 yd.	30 in.



ADHESIVE STENCIL – FABTAC®

FabTac Adhesive Stencil is an adhesive paint mask stencil for acrylic awning fabric and canvas. FabTac is a one-use, pressure-sensitive, throw-away paint stencil, with a high tack gummy adhesive that adheres to the weave of the fabric and yet is easily removed. FabTac Stencil is friction-fed, plotter-friendly and can be used with common pre-mask transfer tapes. The stencil is a natural white material and comes on a golden brown, easy release liner for easy weeding.

ITEM #	SIZE
500487	2 ft. x 30 ft.
500488	2 ft. x 90 ft.

FabTac® is a registered trademark of Action Artwork, Inc.



DICKSON NORTH AMERICAN COLLECTION – SOLIDS

The Dickson North American collection includes a vast selection of water-repellent, mildew-resistant solid fabrics. Its special finish delays the formation and accumulation of dirt. This fabric is colorfast and durable.

FABRIC	100% Solution Dyed Acrylic
FINISH	Water Repellent
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
895060	8904	Linen	65 yd.	8.55 oz.	47 in.
895061	U105	Gold	65 yd.	8.55 oz.	47 in.
895062	U104	Flanelle Gray	65 yd.	8.55 oz.	47 in.
895063	8396	Lead Chine	65 yd.	8.55 oz.	47 in.
895064	U128	Frosty Chine	65 yd.	8.55 oz.	47 in.
895065	U131	Light Green Chine	65 yd.	8.55 oz.	47 in.
895101	0001	White	65 yd.	8.55 oz.	47 in.
895103	7133	Natural	65 yd.	8.55 oz.	47 in.
895104	7244	Amande (Avocado)	65 yd.	8.55 oz.	47 in.
895107	7264	Ocean Blue	65 yd.	8.55 oz.	47 in.
895110	0017	Royal Blue	65 yd.	8.55 oz.	47 in.
895113	7703	Citron	65 yd.	8.55 oz.	47 in.
895114	8205	Papaya	65 yd.	8.55 oz.	47 in.
895115	0018	Orange	65 yd.	8.55 oz.	47 in.
895116	8016	Ramier	65 yd.	8.55 oz.	47 in.
895117	7548	Raw Tweed/Beige	65 yd.	8.55 oz.	47 in.
895118	0867	Mandarine	65 yd.	8.55 oz.	47 in.
895119	U134	Parma Chine	65 yd.	8.55 oz.	47 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
895120	0020	Red	65 yd.	8.55 oz.	47 in.
895121	U169	Purple	65 yd.	8.55 oz.	47 in.
895123	8903	Ciel	65 yd.	8.55 oz.	47 in.
895133	U141	Denim	65 yd.	8.55 oz.	47 in.
895134	U225	Blue Jean	65 yd.	8.55 oz.	47 in.
895135	0681	Dune	65 yd.	8.55 oz.	47 in.
895137	7554	Cassis	65 yd.	8.55 oz.	47 in.
895155	6020	Raw	65 yd.	8.55 oz.	47 in.
895157	U132 (5092)	Straw	65 yd.	8.55 oz.	47 in.
895160	6022	Navy Blue	65 yd.	8.55 oz.	47 in.
895170	6028	Black	65 yd.	8.55 oz.	47 in.
895171	U171	Carbon	65 yd.	8.55 oz.	47 in.
895175	6088	Gray	65 yd.	8.55 oz.	47 in.
895190	6316	Yellow	65 yd.	8.55 oz.	47 in.
895195	6318	Corn	65 yd.	8.55 oz.	47 in.
895201	0613	Marron (Brown)	65 yd.	8.55 oz.	47 in.
895202	3914	Paris Red	65 yd.	8.55 oz.	47 in.
895206	8206	Burgundy	65 yd.	8.55 oz.	47 in.
895208	U224	Brownie	65 yd.	8.55 oz.	47 in.
895215	U170	Pink	65 yd.	8.55 oz.	47 in.
895220	6687	Forest Green	65 yd.	8.55 oz.	47 in.
895221	0853	Olive	65 yd.	8.55 oz.	47 in.
895223	8201	Pearl Green	65 yd.	8.55 oz.	47 in.
895225	6688	Turquoise (Aqua)	65 yd.	8.55 oz.	47 in.
895229	8207	Terra Cotta	65 yd.	8.55 oz.	47 in.
895245	7104	Brick	65 yd.	8.55 oz.	47 in.
897800	8600	Absythne (Willow)	65 yd.	8.55 oz.	47 in.

Dickson® is a registered trademark of Glen Raven, Inc.

DICKSON® NORTH AMERICAN COLLECTION – STRIPES

The Dickson North American collection includes a large selection of water-repellent, mildew-resistant striped fabrics. Its special finish delays the formation and accumulation of dirt. This fabric is colorfast and durable.

FABRIC	100% Solution Dyed Acrylic
FINISH	Water Repellent
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
895251	8553	Paris Lemon Yellow/White	65 yd.	8.55 oz.	47 in.
895252	8923	Paris Rouge Red/White	65 yd.	8.55 oz.	47 in.
895254	8907	Paris Cadet Grey/Natural	65 yd.	8.55 oz.	47 in.
895328	5328	Messina Green Yellow (Virginia)	65 yd.	8.55 oz.	47 in.
895329	5329	Messina Red/Gray (Virginia)	65 yd.	8.55 oz.	47 in.
895346	5346	Torres Rust/Beige/White (Oklahoma)	65 yd.	8.55 oz.	47 in.
895395	6153	Beverly Burgundy/Silver	65 yd.	8.55 oz.	47 in.
895420	6173	Davos Natural/Linen/Burgundy	65 yd.	8.55 oz.	47 in.
895425	6228	Hossegor Linen/Blue/Gray	65 yd.	8.55 oz.	47 in.
895426	5239	Castelo Linen/Rust/Beige (Oregon)	65 yd.	8.55 oz.	47 in.
895445	6273	Baden Brown/Vanilla/Terra Cotta	65 yd.	8.55 oz.	47 in.
895455	6275	Baden Olive/Linen/Cream	65 yd.	8.55 oz.	47 in.
895460	6276	Marza Brown/Linen/Natural (Jackson)	65 yd.	8.55 oz.	47 in.
895510	6292	Windsor Yellow/White/Blue/Gray	65 yd.	8.55 oz.	47 in.
895590	6671	Manchester Green/Peach Accent (Kent)	65 yd.	8.55 oz.	47 in.
895691	7124	Pompador Red/White/Black	65 yd.	8.55 oz.	47 in.
895698	7130	Venezia Blue/Linen/White	65 yd.	8.55 oz.	47 in.
895740	D116	Naples Blue Jean	65 yd.	8.55 oz.	47 in.
895741	D117	Naples Denim	65 yd.	8.55 oz.	47 in.
895742	C020	Paris Sky	65 yd.	8.55 oz.	47 in.
895743	D106	Manosque Blue	65 yd.	8.55 oz.	47 in.
895744	D105	Manosque Violet	65 yd.	8.55 oz.	47 in.
895745	D104	Manosque Green	65 yd.	8.55 oz.	47 in.
895746	D050	Cadiz Dusk	65 yd.	8.55 oz.	47 in.
895747	D047	Valencia	65 yd.	8.55 oz.	47 in.
895748	C019	Paris Mimosa	65 yd.	8.55 oz.	47 in.
895749	8615	Capri	65 yd.	8.55 oz.	47 in.
895750	D111	Brooklyn Amante	65 yd.	8.55 oz.	47 in.
895751	7465	Casablanca	65 yd.	8.55 oz.	47 in.
895752	8230	Saragosse	65 yd.	8.55 oz.	47 in.
895753	6272	Windsor	65 yd.	8.55 oz.	47 in.
895754	D051	Cadiz Sunrise	65 yd.	8.55 oz.	47 in.
895755	D103	Manosque Beige	65 yd.	8.55 oz.	47 in.
895756	C018	Paris Wren	65 yd.	8.55 oz.	47 in.
895757	C021	Paris Char	65 yd.	8.55 oz.	47 in.
895758	D108	Manosque Grey	65 yd.	8.55 oz.	47 in.
895759	D113	Naples Grey	65 yd.	8.55 oz.	47 in.
895760	D112	Brooklyn Mandarin	65 yd.	8.55 oz.	47 in.
895761	D114	Naples White	65 yd.	8.55 oz.	47 in.
895762	D110	Brooklyn Pink	65 yd.	8.55 oz.	47 in.
895763	D115	Naples Black	65 yd.	8.55 oz.	47 in.
895786	7351	Oslo Red/Gray/Splash Spun	65 yd.	8.55 oz.	47 in.
895816	7466	Chicago Sky Blue/Powder Blue/Dark Blue	65 yd.	8.55 oz.	47 in.
895843	7506	Innsbruck Sebastian	65 yd.	8.55 oz.	47 in.
895845	7508	Beverly Forest/White	65 yd.	8.55 oz.	47 in.
895846	7509	Beverly Sapphire/White	65 yd.	8.55 oz.	47 in.
895847	7510	Beverly Black/White	65 yd.	8.55 oz.	47 in.
895861	8556	Paris Navy	65 yd.	8.55 oz.	47 in.
895873	8952	Algarve	65 yd.	8.55 oz.	47 in.
895875	8935	Hardelot Tan/Beige/Natural	65 yd.	8.55 oz.	47 in.
895876	8940	Londres Brown With Narrow Stripe	65 yd.	8.55 oz.	47 in.
895879	8959	Londres Black With Narrow Stripe	65 yd.	8.55 oz.	47 in.
895953	7408	Richmond Forest/Toast/Burgundy	65 yd.	8.55 oz.	47 in.
895955	7914	Goteborg Burgundy/Forest/Linen	65 yd.	8.55 oz.	47 in.
895956	7915	Goteborg Forest/Taupe	65 yd.	8.55 oz.	47 in.
896064	8164	Bilbao Black/Taupe/Natural (Charlotte)	65 yd.	8.55 oz.	47 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
896111	8211	Sienna Red/Linen	65 yd.	8.55 oz.	47 in.
896126	8226	Rome Blue/Linen/Gray	65 yd.	8.55 oz.	47 in.
897612	8612	Hardelot Linen/Mustard/Cream	65 yd.	8.55 oz.	47 in.
897626	8626	Hanover Forest/Taupe/Linen (Cambridge)	65 yd.	8.55 oz.	47 in.
897630	8630	Boston Lime/Mint (Genoa)	65 yd.	8.55 oz.	47 in.

Dickson® is a registered trademark of Glen Raven, Inc.



FIRE S I S T®

Specifically designed for the commercial awning, canopy and shade markets, FIRE S I S T delivers a state-of-the-art combination of flame retardant performance and UV resistance.

FIRE S I S T fabric is woven from high UV and fade resistant solution dyed fiber with a proprietary coating and finish that results in superior weather, stain, mildew and flame resistance.

Extremely strong and tear resistant, FIRE S I S T is engineered for ease of fabrication, and features a lighter weight. FIRE S I S T's deep, rich colors deliver long lasting good looks and are color transfer resistant.

FABRIC	Solution Dyed Polyester
FR STANDARDS MET	California State Fire Marshal Title 10; NFPA 701, Test Method 2; CPAI-84, Tent walls and roof; FMVSS 302; ASTM E84
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
888500	82000-0000	Regatta	60 yd.	8.75 oz.	60 in.
888502	82002-0000	Forest Green Tweed	60 yd.	8.75 oz.	60 in.
888503	82003-0000	Forest Green	60 yd.	8.75 oz.	60 in.
888505	82005-0000	Regatta Tweed	60 yd.	8.75 oz.	60 in.
888506	82006-0000	Sand	60 yd.	8.75 oz.	60 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
888508	82008-0000	Black	60 yd.	8.75 oz.	60 in.
888510	82010-0000	Admiral Navy	60 yd.	8.75 oz.	60 in.
888512	82012-0000	Toasty Beige	60 yd.	8.75 oz.	60 in.
888513	82013-0000	Sunburst Yellow	60 yd.	8.75 oz.	60 in.
888514	82014-0000	Terra Cotta	60 yd.	8.75 oz.	60 in.
888515	82015-0000	Ivory	60 yd.	8.75 oz.	60 in.
888516	82016-0000	Burgundy	60 yd.	8.75 oz.	60 in.
888517	82017-0000	Crimson Red	60 yd.	8.75 oz.	60 in.
888530	82030-0000	Grey	60 yd.	8.75 oz.	60 in.

Firesist® is a registered trademark of Glen Raven, Inc.



ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857200	CP-2700	Sand	50 yd.	15 oz.	62 in.
857201	CP-2701	Harbor Green	50 yd.	15 oz.	62 in.
857202	CP-2702	Sea Palm	50 yd.	15 oz.	62 in.
857204	CP-2704	Island Turquoise	50 yd.	15 oz.	62 in.
857205	CP-2705	Cork Brown	50 yd.	15 oz.	62 in.
857206	CP-2706	Beacon Yellow	50 yd.	15 oz.	62 in.
857207	CP-2707	Portlight Red	50 yd.	15 oz.	62 in.
857209	CP-2709	Rust	50 yd.	15 oz.	62 in.
857211	CP-2711	Glade Green	50 yd.	15 oz.	62 in.
857212	CP-2712	Deepsea Blue	50 yd.	15 oz.	62 in.
857213	CP-2713	Sunset Orange	50 yd.	15 oz.	62 in.
857215	CP-2715	Burgundy	50 yd.	15 oz.	62 in.
857217	CP-2717	Gull Gray	50 yd.	15 oz.	62 in.
857218	CP-2718	Charcoal Gray	50 yd.	15 oz.	62 in.
857219	CP-2719	Driftwood Gray	50 yd.	15 oz.	62 in.
857220	CP-2720	Mist Blue	50 yd.	15 oz.	62 in.
857223	CP-2723	Panama Purple	50 yd.	15 oz.	62 in.
857225	CP-2725	Barque Brown	50 yd.	15 oz.	62 in.
857226	CP-2726	Deep Red	50 yd.	15 oz.	62 in.
857230	CP-2730	Sunrise Saffron	50 yd.	15 oz.	62 in.
857233	CP-2733	Shell Pink	50 yd.	15 oz.	62 in.
857234	CP-2734	Jade	50 yd.	15 oz.	62 in.
857238	CP-2738	Ebbtide Tan	50 yd.	15 oz.	62 in.
857239	CP-2739	Ivory Coast	50 yd.	15 oz.	62 in.
857241	CP-2741	Bay Blue	50 yd.	15 oz.	62 in.
857242	CP-2742	Tropic Green	50 yd.	15 oz.	62 in.
857243	CP-2743	Teal	50 yd.	15 oz.	62 in.
857244	CP-2744	Aquamarine	50 yd.	15 oz.	62 in.
857245	CP-2745	Pirate Black	50 yd.	15 oz.	62 in.
857246	CP-2746	Ocean Blue	50 yd.	15 oz.	62 in.
857247	CP-2747	Navy Blue	50 yd.	15 oz.	62 in.
857290	CP-2790	Sail White	50 yd.	15 oz.	62 in.
857891	CP-2791	Dark Taupe	50 yd.	15 oz.	62 in.
857892	CP-2792	Beige	50 yd.	15 oz.	62 in.
857896	CP-2796	Terra Cotta	50 yd.	15 oz.	62 in.
857897	CP-2797	Almond	50 yd.	15 oz.	62 in.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

If fabric awning valance is subject to wind whipping, we recommend that the valance be faced, framed or weighted.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.

WEBLON® COASTLINE PLUS®

Coastline Plus awning fabric is a high performance PVC composite. It features a strong polyester base fabric, with manageable weight for excellent dimensional stability. The top surface is treated with the Rain Kleen® finish for color retention and prolonged fabric life. Coastline Plus is UV, water and mildew resistant. It is also heat-sealable for a strong, waterproof and airtight seal, and it accepts a variety of graphics including pressure sensitive graphics.

FABRIC	Vinyl Polyester Composite
FINISH	Vinyl Laminated, Kid-Embossed, Rain Kleen®
FR STANDARDS MET	California State Fire Marshall Title 19, NFPA 701 ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	5-Year



WEBLON® COASTLINE PLUS® COMPLEMENTS

Coastline Plus Complements are a selection of popular solid color topsides with complementing solid color underside.

FABRIC	Vinyl Polyester Composite
FINISH	Vinyl Laminated, Kid-Embossed, Rain Kleen®
FR STANDARDS MET	California State Fire Marshall Title 19, NFPA 701 ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857250	2750	Cork Brown/Sand	50 yd.	15 oz.	62 in.
857251	2751	Glade Green/White	50 yd.	15 oz.	62 in.
857252	2752	Rust/Ivory	50 yd.	15 oz.	62 in.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

If fabric awning valance is subject to wind whipping, we recommend that the valance be faced, framed or weighted.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.

WEBLON® COASTLINE PLUS® CONTINENTAL STRIPES

Coastline Plus Continental Stripes are a superb selection of three-color stripe awning fabric designs. Continental linings are keyed to the lighter stripe shades.

FABRIC	Vinyl Polyester Composite
FINISH	Vinyl Laminated, Kid-Embossed, Rain Kleen®
FR STANDARDS MET	California State Fire Marshall Title 19, NFPA 701 ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857282	CP-2882	Sand/Olive on Ivory	50 yd.	15 oz.	62 in.
857287	CP-2887	Rust/Dark Brown	50 yd.	15 oz.	62 in.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

If fabric awning valance is subject to wind whipping, we recommend that the valance be faced, framed or weighted.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.

WEBLON® COASTLINE PLUS® LINEN BACK

Coastline Plus Linen Back fabrics feature a colorful solid top side all decked out with a linen print underside.

FABRIC	Vinyl Polyester Composite
FINISH	Vinyl Laminated, Kid-Embossed, Rain Kleen®
FR STANDARDS MET	California State Fire Marshall Title 19, NFPA 701 ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857111	CP-2811	Glade Green/Jade	50 yd.	15 oz.	62 in.
857112	CP-2812	Deepsea Blue/Mist Blue	50 yd.	15 oz.	62 in.
857156	CP-2856	Metallic Silver/Silver	50 yd.	15 oz.	62 in.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

If fabric awning valance is subject to wind whipping, we recommend that the valance be faced, framed or weighted.

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WEBLON® COASTLINE PLUS® TRADITIONAL STRIPES

Coastline Plus Traditional Stripes are classic four-bar stripes, in plenty of rich two-color combinations with solid undersides.

FABRIC	Vinyl Polyester Composite
FINISH	Vinyl Laminated, Kid-Embossed, Rain Kleen®
FR STANDARDS MET	California State Fire Marshall Title 19, NFPA 701 ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857261	CP-2761	Glade Green and White/White	50 yd.	15 oz.	62 in.
857270	CP-2770	Pirate Black and White/White	50 yd.	15 oz.	62 in.
857273	CP-2773	Brite Red/White	50 yd.	15 oz.	62 in.
857274	CP-2774	Turquoise and White/Turquoise	50 yd.	15 oz.	62 in.
857275	CP-2775	Cork and Sand/Sand	50 yd.	15 oz.	62 in.

Weight varies slightly from color to color. Weight and roll size nominal. Their values are subject to slight variation and are not intended to be used as specifications.

If fabric awning valance is subject to wind whipping, we recommend that the valance be faced, framed or weighted.

Weblon®, Coastline Plus® and Rain Kleen® are registered trademarks of Herculite Products Inc.



PATIO 500®

Patio 500 has exceptional resistance to mildew and UV rays making this waterproof fabric the perfect choice for awnings, canopies and commercial installations in sunny, high humidity areas. Made with wick and craze resistant polyester weft-inserted warp knit scrim, Patio 500 has a matte, linen-like finish that combines long-lasting good looks with exceptional dimensional stability and superior strength. It accepts graphics including heat-sealed and inset fabrics, silk screening, hand painting, appliqué and more. Pressure sensitive adhesive vinyl graphics are not recommended. The underside of the fabric is the same color unless otherwise noted as duplex (different colors for the top and bottom).

FABRIC	Vinyl Laminated Polyester
FR STANDARDS MET	California State Fire Marshal, F-12102; NFPA 701; ASTM E84, Class A
WARRANTY	5-Year (excluding pattern 513 Clear)

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
858503	503	Royal Blue	50 yd.	17.5 oz.	61 in.
858506	506	Slate Gray	50 yd.	17.5 oz.	61 in.
858508	508	Black	50 yd.	17.5 oz.	61 in.
858510	510	Dark Green	50 yd.	17.5 oz.	61 in.
858513	513	Clear	50 yd.	17.5 oz.	61 in.
858514	514	Lime Green	50 yd.	17.5 oz.	61 in.
858515	515	Buff	50 yd.	17.5 oz.	61 in.
858516	516	Brown	50 yd.	17.5 oz.	61 in.
858518	518	Dusky Blue	50 yd.	17.5 oz.	61 in.
858522	522	Beige	50 yd.	17.5 oz.	61 in.
858523	523	White	50 yd.	17.5 oz.	61 in.
858524	524	Eggshell	50 yd.	17.5 oz.	61 in.
858525	525	English Brown	50 yd.	17.5 oz.	61 in.
858526	526	Terra Cotta	50 yd.	17.5 oz.	61 in.
858527	527	Burgundy	50 yd.	17.5 oz.	61 in.
858528	528	Pewter	50 yd.	17.5 oz.	61 in.
858529	529	Bright Red	50 yd.	17.5 oz.	61 in.
858536	536	Cobalt Blue	50 yd.	17.5 oz.	61 in.
858537	537	Champagne	50 yd.	17.5 oz.	61 in.
858538	538	Parchment	50 yd.	17.5 oz.	61 in.
858539	539	Bay Blue	50 yd.	17.5 oz.	61 in.
858540	540	Timber	50 yd.	17.5 oz.	61 in.
858541	541	Designer White	50 yd.	17.5 oz.	61 in.
858543	543	Spruce	50 yd.	17.5 oz.	61 in.
858544	544	Sunset Orange	50 yd.	17.5 oz.	61 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
858545	545	Ruby	50 yd.	17.5 oz.	61 in.
858562	562	Emerald	50 yd.	17.5 oz.	61 in.
858564	564	Teal	50 yd.	17.5 oz.	61 in.
858566	566	Sunflower	50 yd.	17.5 oz.	61 in.
858567	567	Jade	50 yd.	17.5 oz.	61 in.
858570	570	Summer Ivy	50 yd.	17.5 oz.	61 in.
858580	580	Emerald/Eggshell (Duplex)	50 yd.	17.5 oz.	61 in.
858581	581	Cobalt/Eggshell (Duplex)	50 yd.	17.5 oz.	61 in.
858587	587	English Brown/Eggshell (Duplex)	50 yd.	17.5 oz.	61 in.

Patio 500® is a registered trademark of Herculite Products Inc.



WEBLON® VANGUARD®

Built to last, and backed by an eight-year manufacturer's limited warranty. Vanguard is wick-resistant and reinforced with ultra-high strength 1000-denier polyester. 10-mil thick vinyl ply on the weatherside increases the life of any awning installation. Rain Kleen® surface treatments prolongs fabric life and preserves color intensity. Superior water, mildew and ultraviolet resistance. Dimensionally stable and compatible with a variety of graphic applications (including pressure sensitive graphics).

FABRIC	Wick-Resistant Polyester
FINISH	Vinyl Laminated, Kid-Embossed, Clear Rain Kleen® Top Coat
FR STANDARDS MET	California State Fire Marshal Title 19, NFPA 701 ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857900	2900	Sand	50 yd.	17 oz.	62 in.
857909	2909	Rust	50 yd.	17 oz.	62 in.
857911	2911	Glade Green	50 yd.	17 oz.	62 in.
857912	2912	Deepsea Blue	50 yd.	17 oz.	62 in.
857915	2915	Burgundy	50 yd.	17 oz.	62 in.
857919	2919	Driftwood Gray	50 yd.	17 oz.	62 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
857926	2926	Deep Red	50 yd.	17 oz.	62 in.
857938	2938	Tan	50 yd.	17 oz.	62 in.
857939	2939	Ivory	50 yd.	17 oz.	62 in.
857945	2945	Black	50 yd.	17 oz.	62 in.
857946	2946	Ocean Blue	50 yd.	17 oz.	62 in.
857984	2984	Colonial Blue	50 yd.	17 oz.	62 in.
857988	2988	Designer White	50 yd.	17 oz.	62 in.
857997	2997	Almond	50 yd.	17 oz.	62 in.

Weblon®, Vanguard® and Rain Kleen® are registered trademarks of Herculite Products Inc.



HERCULITE® NATURA™

Herculite Natura Awning Fabric is a revolutionary textile that features the look and feel of woven cloth on both sides. The fabric is completely waterproof, weather-tight and highly flame resistant. This high performance textile is perfect for commercial awnings and canopies designed to protect people and furnishings from the sun's harsh UV rays while providing a natural fabric design element. Herculite Natura features the Rain-Kleen® II protective finish, and resists stain and mildew. This dimensionally stable fabric is digitally printable and heat and RF sealable.

FABRIC	100% Vinyl Composite Supported by a Polyester Substrate
FINISH	Rain-Kleen II®
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
807709	NT7709	Barrel Tile	50 yd.	18 oz.	62 in.
807711	NT7711	Evergreen	50 yd.	18 oz.	62 in.
807712	NT7712	Midnight Blue	50 yd.	18 oz.	62 in.
807715	NT7715	Cabernet	50 yd.	18 oz.	62 in.
807725	NT7725	Barque Brown	50 yd.	18 oz.	62 in.
807726	NT7726	Deep Red	50 yd.	18 oz.	62 in.
807738	NT7738	Burlywood	50 yd.	18 oz.	62 in.
807739	NT7739	Antique White	50 yd.	18 oz.	62 in.
807745	NT7745	Black	50 yd.	18 oz.	62 in.
807747	NT7747	Navy	50 yd.	18 oz.	62 in.
807788	NT7788	Digital White	50 yd.	18 oz.	62 in.

Natura™ is a trademark of Herculite Products Inc. Herculite® is a registered trademark of Herculite Products Inc. Rain-Kleen® is a registered trademark of Herculite Products Inc.

HERCULITE® EXCEL M SERIES™

Excel M Series is a revolutionary architectural textile composite. Engineered-in-America, it utilizes a unique hybrid construction which delivers exceptional tear and tensile strength blended with flexibility and softness.

Excel M Series surface is protected with our Rain-Kleen® Fluoropolymer and comes with our elegant Pearl-Luster finish providing incomparable abrasion and scratch resistance as well as extraordinary aesthetic appeal.

Excel M Series is 100% waterproof, heat and RF weldable, and is well suited for commercial and residential structures alike. It is engineered to protect people and furnishings from weather while maintaining an architectural fabric statement of sustainability.

FABRIC	100% Vinyl Composite Supported by a Polyester Substrate
FINISH	Rain-Kleen®
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
856800	XL5088T	Translucent White	50 yd.	18 oz.	62 in.
856801	XL5000	Sand	50 yd.	18 oz.	62 in.
856802	XL5009	Rust	50 yd.	18 oz.	62 in.
856803	XL5012	Dark Blue	50 yd.	18 oz.	62 in.
856804	XL5015	Burgundy	50 yd.	18 oz.	62 in.
856805	XL5026	Red	50 yd.	18 oz.	62 in.
856806	XL5038	Tan	50 yd.	18 oz.	62 in.
856807	XL5039	Ivory	50 yd.	18 oz.	62 in.
856808	XL5045	Black	50 yd.	18 oz.	62 in.
856809	XL5046	Medium Blue	50 yd.	18 oz.	62 in.
856810	XL5047	Navy	50 yd.	18 oz.	62 in.
856811	XL5090	Sail White	50 yd.	18 oz.	62 in.
856812	XL5011	Glade Green	50 yd.	18 oz.	62 in.
856813	XL5088	Brite White	50 yd.	18 oz.	62 in.

Excel M Series™ is a trademark of Herculite Products Inc. Herculite® and Rain-Kleen® are registered trademarks of Herculite Products Inc.



SERGE FERRARI PRÉCONTRAIT® 502

Designed and manufactured with the exclusive Précontraint Serge Ferrari technology, 502 delivers a remarkable performance in dimensional stability, weather resistance and durability. It is flame retardant and comes with an eight-year warranty to the awning market for fixed stationary awning frame projects under normal conditions.

Available in a wide selection of solid colors and stripes with plenty of design punch and sophistication. This unique fabric is best suited for light structures, as well as commercial or residential awnings, half- spherical awnings, pergolas, and entrance canopies.

Serge Ferrari Précontraint Coating Technology

Designed and manufactured using the exclusive Serge Ferrari Précontraint technology, Précontraint 502 textiles have remarkable qualities.

Exceptional Dimensional Stability

Offering negligible stretching under load, Précontraint 502 textiles are not subject to deformation and can be used in large drawn surfaces. They can withstand wide temperature fluctuations without distortion for long-lasting use.

High Durability

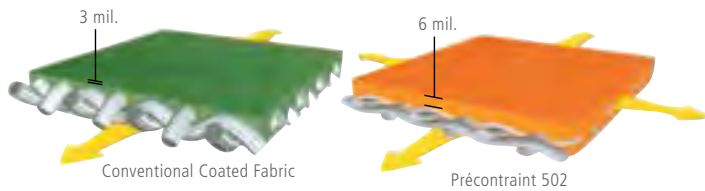
With Serge Ferrari Précontraint manufacturing technology, architectonic Précontraint 502 textiles consist of a coating thickness on the top of the yarns which is much thicker than conventional coated fabrics. Thanks to this exclusive characteristic, they keep their tear and tensile strength qualities over time. Précontraint 502 is enhanced with polymers that help to maintain its beauty and performance over time. For maintenance purposes, simply wash with water and appropriate detergent.

FABRIC	High-Tenacity Polyester
FINISH	Biface Vinyl Coated, Clear Varnish Top side
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84; Canada ULCS 109
WARRANTY	5/8-Year

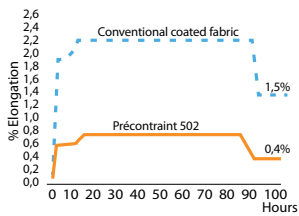
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
878970	2173	Tuscan	55 yd.	17 oz.	70.8 in.
878971	2172	Carrot	55 yd.	17 oz.	70.8 in.
878972	2171	Boulder (Light Grey)	55 yd.	17 oz.	70.8 in.
878973	1499	Shifting Grey (Interferential)	55 yd.	17 oz.	70.8 in.
878974	2168	Aluminum	55 yd.	17 oz.	70.8 in.
878975	2167	Concrete (Dark Grey)	55 yd.	17 oz.	70.8 in.
878976	2161	Midnight Blue (Blue)	55 yd.	17 oz.	70.8 in.
878977	2160	Lagoon Blue	55 yd.	17 oz.	70.8 in.
878978	2159	Cornflower (Cornflower Blue)	55 yd.	17 oz.	70.8 in.
878979	2158	Moss Green	55 yd.	17 oz.	70.8 in.
878980	2157	Aniseed (Lime Green)	55 yd.	17 oz.	70.8 in.
878981	2156	Spruce	55 yd.	17 oz.	70.8 in.
878982	2149	Beetle (Metallic Scarab)	55 yd.	17 oz.	70.8 in.
878983	2148	Cocoa	55 yd.	17 oz.	70.8 in.
878984	2012	Pepper (Putty)	55 yd.	17 oz.	70.8 in.
878985	2145	Gold	55 yd.	17 oz.	70.8 in.
878986	2144	Mastic (Ivory)	55 yd.	17 oz.	70.8 in.
878987	2141	Camel	55 yd.	17 oz.	70.8 in.
878988	2138	Dead Leaf (Metallic Taupe)	55 yd.	17 oz.	70.8 in.
878989	2137	Walnut Stain (Brown)	55 yd.	17 oz.	70.8 in.
878990	2136	Metallic Onyx	55 yd.	17 oz.	70.8 in.
878991	2135	Sand Beige (Sand)	55 yd.	17 oz.	70.8 in.
878992	2151	Pale Pink (Pink)	55 yd.	17 oz.	70.8 in.
878993	2152	Velvet Red (Metallic Red)	55 yd.	17 oz.	70.8 in.
878994	2150	Raspberry (Fuchsia)	55 yd.	17 oz.	70.8 in.
878995	2165	Blackcurrant (Violet)	55 yd.	17 oz.	70.8 in.
878996	2164	Violet Parma (Lavender)	55 yd.	17 oz.	70.8 in.
878997	2163	Turtle Dove (Mauve)	55 yd.	17 oz.	70.8 in.
878998	2162	Slate	55 yd.	17 oz.	70.8 in.
878999	2166	Buttercup (Sunflower)	55 yd.	17 oz.	70.8 in.
879000	8102	White	55 yd.	17 oz.	70.8 in.
879003	8341	Champagne	55 yd.	17 oz.	70.8 in.
879004	8861	Vanilla	55 yd.	17 oz.	70.8 in.
879012	8255	Poppy (Dark Red)	55 yd.	17 oz.	70.8 in.
879016	8284	Burgundy (Bordeaux)	55 yd.	17 oz.	70.8 in.
879020	8056	Tennis Green	55 yd.	17 oz.	70.8 in.
879026	8450	Black	55 yd.	17 oz.	70.8 in.
879031	1013	Chick (Medium Yellow)	55 yd.	17 oz.	70.8 in.
879033	1125	Navy (Marine Blue)	55 yd.	17 oz.	70.8 in.
879036	8204	Mandarin (Orange)	55 yd.	17 oz.	70.8 in.
879120	50046	Grey/White/Lagoon Blue	55 yd.	17 oz.	70.8 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879121	50047	Vanilla/White/Brown	55 yd.	17 oz.	70.8 in.
879122	50048	Bordeaux/White/Pink	55 yd.	17 oz.	70.8 in.
879123	50049	Blue/White/Marine Blue	55 yd.	17 oz.	70.8 in.
879124	50050	Cocoa/Champagne/White	55 yd.	17 oz.	70.8 in.
879125	50051	Grey/Lime Green/White	55 yd.	17 oz.	70.8 in.
879126	50052	Lagoon Blue/Marine Blue/White	55 yd.	17 oz.	70.8 in.
879127	50053	Grey/Dark Grey/White	55 yd.	17 oz.	70.8 in.
879128	50054	White/Tennis Green/Moss Green	55 yd.	17 oz.	70.8 in.
879129	50055	White/Brown/Sand	55 yd.	17 oz.	70.8 in.
879130	50056	White/Medium Yellow/Sunflower	55 yd.	17 oz.	70.8 in.
879131	50057	White/Blue/Sand	55 yd.	17 oz.	70.8 in.

Précontraint® is a registered trademark of The Serge Ferrari Group.

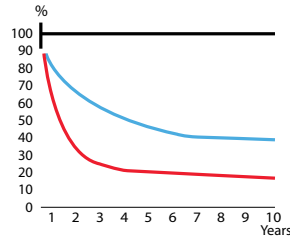


Graph 1: Resistance to elongation in the weft direction



Elongation in the weft direction under a 404 lbs/yd load over a period of 100 hours. Then residual elongation without load.

Graph 2: Evolution of mechanical characteristics



Coating thickness (ENKA AG Research)
 ■ 9 mil.
 ■ 2 mil.
 ■ 1 mil.



SERGE FERRARI PRÉCONTRAIT® 542

When a gentle, yet sophisticated look is desired, 542 makes any awning display a genuine work of art. Available in a variety of soft stripe combinations, this vinyl coated polyester fabric is top coated with clear varnish on the striped top side and the uniform color lining. The lining exudes a soft tone-on-tone contrast due to alternating matte and glossy embossing. Like other Serge Ferrari products, 542 is flame retardant and designed with the exclusive Précontraint technology, which yields exceptional dimensional stability, welding capacity, weather resistance and durability.

FABRIC	High-Tenacity Polyester
FINISH	Biface Vinyl Coated, Clear Varnish Top side
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84; Canada ULCS 109
WARRANTY	5/8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879068	1088	Yellow/Champagne	55 yd.	17 oz.	70.8 in.
879069	1089	Pea Green/Champagne	55 yd.	17 oz.	70.8 in.
879071	1091	Tan/Champagne	55 yd.	17 oz.	70.8 in.
879072	1272	Bordeaux/Champagne	55 yd.	17 oz.	70.8 in.
879073	1273	Tennis Green/Champagne	55 yd.	17 oz.	70.8 in.
879075	1270	Salmon/Champagne	55 yd.	17 oz.	70.8 in.
879076	1271	Dark Yellow/Champagne	55 yd.	17 oz.	70.8 in.

Précontraint® is a registered trademark of The Serge Ferrari Group.



BTF-19™

BTF-19 is specially designed for commercial and residential awnings, canopies, tents, pergolas, and light structures. Remarkable performance features include exceptional durability, dimensional stability, water and soil resistance.

During the coating process, BTF-19 utilizes the highest quality polyester yarns and is coated under tension for exceptional dimensional stability that will last for years to come.

BTF-19 is sealable and accepts heat transfer, heat sealed inset fabric, sewn-in inset fabric, screen-printing and hand painted graphics.

FABRIC	PVC Coated High-Tenacity Polyester
FINISH	PVDF/Acrylic Finish
FR STANDARDS MET	NFPA 701 1999, Test Method 2; California State Fire Marshal Title 19; Class A Building Material
WARRANTY	10-Year / 6-Year Tents

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879710	410	White	50 yd.	18-19 oz.	86 in.
879713	413	Bright Blue	50 yd.	18-19 oz.	86 in.
879716	416	Gray	50 yd.	18-19 oz.	86 in.
879717	417	Dark Gray	50 yd.	18-19 oz.	86 in.
879718	418	Brown	50 yd.	18-19 oz.	86 in.
879719	419	Tan	50 yd.	18-19 oz.	86 in.
879722	422	Red	50 yd.	18-19 oz.	86 in.
879725	425	Sapphire	50 yd.	18-19 oz.	86 in.
879727	427	Black	50 yd.	18-19 oz.	86 in.
879731	431	Navy	50 yd.	18-19 oz.	86 in.
879732	432	Forest Green	50 yd.	18-19 oz.	86 in.
879743	683	Ecru	50 yd.	18-19 oz.	86 in.
879746	116	Burgundy	50 yd.	18-19 oz.	86 in.
879747	227	Copper	50 yd.	18-19 oz.	86 in.

BTF-19™ is a trademark of Glen Raven, Inc.

WEATHERYTE®

Designed for a variety of awning and sign applications, Weathertyte is a weatherproof awning material with the look and feel of textured decorative fabric. This high-performance composite vinyl substrate is flame-resistant, easy to handle, highly durable and does a remarkable job of resisting sagging.

Weathertyte is ideal for a variety of awning and canopy applications including restaurant, hospitality, retail, business and residential. It's digitally printable with solvent-based inks and accepts silk screen and spray paint. Weathertyte is easy to clean, and resists stains and mildew.

FABRIC	Polyester
FINISH	Vinyl/Acrylic
FR STANDARDS MET	California State Fire Marshal Title 19, Section 1237; ASTM E84 Class A; NFPA 701; UL Listed
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
839900	WT-76WT	White	50 yd.	16 oz.	74 in.
839901	WT-76BK	Black	50 yd.	16 oz.	74 in.
839902	WT-76B	Blue	50 yd.	16 oz.	74 in.
839903	WT-76GR	Green	50 yd.	16 oz.	74 in.
839905	WT-76LN	Linen	50 yd.	16 oz.	74 in.
839906	WT-76RD	Red	50 yd.	16 oz.	74 in.
839907	WT-76BU	Burgundy	50 yd.	16 oz.	74 in.
839908	WT-76DRD	Dark Red	50 yd.	16 oz.	74 in.
839909	WT-76FGR	Forest Green	50 yd.	16 oz.	74 in.
839910	WT-76DBL	Dark Blue	50 yd.	16 oz.	74 in.
839911	WT-76SUN	Sunflower Yellow	50 yd.	16 oz.	74 in.
839912	WT-76BWN	Brown	50 yd.	16 oz.	74 in.
839913	WT-76CHR	Charcoal	50 yd.	16 oz.	74 in.
839914	WT-76SLT	Sapphire/Slate Blue	50 yd.	16 oz.	74 in.
839915	WT-76TRC	Terracotta Red	50 yd.	16 oz.	74 in.
839920	WT-ORG	Orange	50 yd.	16 oz.	74 in.
839930	WT-54WT	White	50 yd.	16 oz.	54 in.
839940	WT-60WT	White	50 yd.	16 oz.	60 in.

Weathertyte® is a registered trademark of the Cooley Group.

WEATHERTYTE® LITE

Weathertyte Lite is a lighter-weight version of Weathertyte Advanced Awning Substrate. This waterproof material features the look and feel of a woven fabric but has the advantages of a high performance composite vinyl.

Weathertyte Lite has all the same benefits of regular Weathertyte fabric, but its lighter weight offers easier handling and makes it the perfect fabric for applications where protection from the environment is key, such as bimini tops, banners and more. All colors can also be digitally printed with solvent-based inks. All colors feature the same color underside. Weathertyte Lite is UV and fungus resistant.

FABRIC	Polyester
FINISH	Vinyl/Acrylic
FR STANDARDS MET	California State Fire Marshal Title 19, Section 1237; Class A; NFPA 701, UL Listed
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
839970	WTL-74DSBLK	Black/Black	50 yd.	11 oz.	74 in.
839971	WTL-74DSFGR	Forest Green/Forest Green	50 yd.	11 oz.	74 in.
839972	WTL-74DSBLU	Blue/Blue	50 yd.	11 oz.	74 in.
839973	WTL-74DSLIN	Linen/Linen	50 yd.	11 oz.	74 in.
839974	WTL-74DSBUR	Burgundy/Burgundy	50 yd.	11 oz.	74 in.
839976	WTL-74DSDRD	Dark Red/Dark Red	50 yd.	11 oz.	74 in.
839978	WTL-74DSWHT	White/White	50 yd.	11 oz.	74 in.

Weathertyte® is a registered trademark of the Cooley Group.

MAIN STREET® +

Main Street + is ideal for awnings and canopies because it won't stretch or leak. It's available in a vivid array of bright solids that won't fade even after years of exposure. This versatile fabric features a smooth surface for even greater looks and resistance to dirt build-up. It offers superior strength and resistance to water, mildew, ultraviolet rays and abrasion for many applications, indoors and out. Main Street + is easy to fabricate without puckering or fraying. It readily accepts graphics including sewn-in inset fabrics, screen-printing and hand painting.

FABRIC	Polyester
FINISH	Acrylic Coated Top side Only
FR STANDARDS MET	California State Fire Marshal; NFPA 701, Test Method 2; ASTM E84
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
808250	200MS+	Red	50 yd.	10.7 oz.	61 in.
808252	202MS+	Yellow	50 yd.	10.7 oz.	61 in.
808254	204MS+	Dark Green	50 yd.	10.7 oz.	61 in.
808259	209MS+	Pink	50 yd.	10.7 oz.	61 in.
808260	210MS+	Cranberry	50 yd.	10.7 oz.	61 in.
808264	214MS+	Black	50 yd.	10.7 oz.	61 in.
808265	215MS+	White	50 yd.	10.7 oz.	61 in.
808266	216MS+	Blue	50 yd.	10.7 oz.	61 in.
808268	301MS+	Light Grey	50 yd.	10.7 oz.	61 in.
808275	225MS+	Terra Cotta	50 yd.	10.7 oz.	61 in.
808277	227MS+	Dark Linen	50 yd.	10.7 oz.	61 in.

Main Street® is a registered trademark of Glen Raven, Inc.

STARFIRE®

A tough and long-lasting, yet soft and flexible fabric, Starfire can be used for a variety of applications including awnings, banners, outdoor umbrellas and tents. Finished with an acrylic topcoat, Starfire is easy to clean and resists fading, rotting and structural weakening from prolonged exposure to the sun and other damaging elements. Starfire is also water, soil and mildew resistant. This fabric is easy to handle and install and accepts a variety of graphics applications. Starfire is often specified where a cloth-like appearance is desired.

FABRIC	45% Polyester/55% Cotton
FINISH	Pigmented and Acrylic Top coated
FR STANDARDS MET	California State Fire Marshal; NFPA 701 Test Method 2; ASTM E-84
WARRANTY	5-Year Pro Rated

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
855701	701	Emerald Green	45 yd.	15 oz.	60 in.
855702	702	Bone White	45 yd.	15 oz.	60 in.
855703	703	Forest Green	45 yd.	15 oz.	60 in.
855704	704	Teal Blue	45 yd.	15 oz.	60 in.
855706	706	Yellow	45 yd.	15 oz.	60 in.
855707	707	Red	45 yd.	15 oz.	60 in.
855708	708	Eggshell	45 yd.	15 oz.	60 in.
855709	709	Burgundy	45 yd.	15 oz.	60 in.
855712	712	Royal Blue	45 yd.	15 oz.	60 in.
855713	713	Tangerine	45 yd.	15 oz.	60 in.
855714	714	Terra Cotta	45 yd.	15 oz.	60 in.
855717	717	White	45 yd.	15 oz.	60 in.
855718	718	Light Gray	45 yd.	15 oz.	60 in.
855719	719	Off White	45 yd.	15 oz.	60 in.
855720	720	Brown	45 yd.	15 oz.	60 in.
855722	722	Black	45 yd.	15 oz.	60 in.
855728	728	Blueberry	45 yd.	15 oz.	60 in.
855749	749	Tan	45 yd.	15 oz.	60 in.
855753	753	Pearl Gray	45 yd.	15 oz.	60 in.
855788	788	Khaki	45 yd.	15 oz.	60 in.

Starfire® is a registered trademark of Glen Raven, Inc.

CALABAÑA®

An excellent choice for awnings and canopies, Calabaña cloth is both strong and flexible, with unique self-contouring characteristics. Fabric beauty is protected by invisible organosol shield, for non-glare dirt repellency and mildew resistance. Easily cleaned with Vinyl Kleen. Exposure shrinkage is approximately 2% to 5% depending upon atmospheric conditions.

FABRIC	Cotton Army Duck
FINISH	Vinyl Coated
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
826900	6900	Black	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826909	6909	Terrace Red	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826910	6910	Chocolate Brown	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826911	6911	Emerald Green	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826917	6917	White	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826918	6918	Charcoal	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826929	6929	Bordeaux	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.
826939	6939	Sandstone	50 yd. pieces, 150 yd. cartons	15 oz.	31 in.

Calabaña® is a registered trademark of Graniteville Specialty Fabrics.

GULF STREAM®

A traditional favorite for residential awnings, Gulf Stream features the ultimate combination of beauty and durability. With its acrylic coating and exclusive scuff-resistant finish, this fabric stays strong and looking like new despite years of outdoor exposure. With an attractive, linen-like finish, Gulf Stream offers outstanding tensile and tear strength, a special UV-resistance feature and exceptional resistance to dirt and water. Gulf Stream's superior "lay flat" quality ensures easier handling and sewability.

FABRIC	Polyester/Cotton
FINISH	Acrylic Coated; Exclusive Scuff Resistant Finish
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
809562	62	Medium Green	50 yd.	13 oz.	31 in.
809563	63	Dark Green	50 yd.	13 oz.	31 in.
809564	64	Black	50 yd.	13 oz.	31 in.
809568	68	Terra Cotta	50 yd.	13 oz.	31 in.
809573	73	Light Maroon	50 yd.	13 oz.	31 in.
809575	75	Brown	50 yd.	13 oz.	31 in.
809595	95	Champagne	50 yd.	13 oz.	31 in.
809609	2709	Green/Beige/Brown	50 yd.	13 oz.	31 in.
809616	2716	Tan/Terra Cotta	50 yd.	13 oz.	31 in.
809621	2721	Brown/Tan/Black	50 yd.	13 oz.	31 in.
809671	2811	Medium Green/Grey/White	50 yd.	13 oz.	31 in.
809740	2880	Champagne/Burgundy/White	50 yd.	13 oz.	31 in.

Gulf Stream® is a registered trademark of Glen Raven, Inc.



NITE-LITE®

Made from wick and craze resistant polyester scrim, Nite-Lite is an exceptional back-lit fabric that features vivid colors with a translucent white underside for spectacular illumination. An acrylic top coat makes this fabric easier to clean and extends its life by enhancing its resistance to UV, rot, mildew, stains and dirt. This durable fabric accepts pressure sensitive graphics as well as sewn-in and heat sealed inset fabrics, silk-screening and hand painting.

FABRIC	Vinyl Laminated Polyester
FINISH	Acrylic Top Coat
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701 Test Method 2
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
812600	2600	Green	40 yd.	16 oz.	61 in.
812601	2601	Marine Blue	40 yd.	16 oz.	61 in.
812602	2602	Yellow	40 yd.	16 oz.	61 in.
812603	2603	Red	40 yd.	16 oz.	61 in.
812604	2604	White	40 yd.	16 oz.	61 in.
812608	2608	Black	40 yd.	16 oz.	61 in.
812628	2628	Tan	40 yd.	16 oz.	61 in.
812631	2631	Bordeaux	40 yd.	16 oz.	61 in.
812637	2637	Forest Green	40 yd.	16 oz.	61 in.
812675	2675	Dark Blue	40 yd.	16 oz.	61 in.
812676	2676	Mid Red	40 yd.	16 oz.	61 in.

Nite-Lite® is a registered trademark of Glen Raven, Inc.

COOL GLO™ / NORTHSTAR®

Distributed exclusively by Trivantage®, Cool Glo/NorthStar is designed specifically for back-lit awnings and signs. It features the same color on the face and back of the fabric, creating a warm, soothing glow beneath an awning or sign. Provides maximum brilliance and consistent translucency. Highly resistant to ultraviolet light, mildew, rot and water and has strong resilience to fade, weather, scuff and abrasion. Exhibits excellent tensile and tear strength. Compatible with a variety of graphics applications, including paint, heat transfer and screen printing.

FABRIC	Woven Polyester
FINISH	Vinyl Coated
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
850921	CE1701	Blue	40 yd.	13 oz.	61 in.
850925	CE1705	Orange	40 yd.	13 oz.	61 in.
850930	CE1730	Yellow	40 yd.	13 oz.	61 in.
850936	CE1736	Red	40 yd.	13 oz.	61 in.
850938	CE1738	Kelly Green	40 yd.	13 oz.	61 in.
850942	CE1742	Ivory	40 yd.	13 oz.	61 in.
850949	CE1749	Black	40 yd.	13 oz.	61 in.
850950	CE1750	White	40 yd.	13 oz.	61 in.
850951	CE1751	Hot Pink	40 yd.	13 oz.	61 in.
850960	CE1790	Winterberry	40 yd.	13 oz.	61 in.

Cool Glo™ is a trademark of Glen Raven, Inc. Northstar® and Trivantage® are registered trademarks of Glen Raven, Inc.

CANOPY® FS

This 16-ounce back-lit fabric features Fluoro-Shield®, a highly advanced PVDF top coat. Fluoro-Shield is specially designed to extend the life of the fabric and offer superior protection from the elements. Cleaning and graphics applications are easy due to Canopy FS's ultra smooth finish and PVDF top coat. Offers excellent stability, strength and resistance to mold, mildew and wicking.

FABRIC	Polyester
FINISH	Vinyl Laminated, Fluoro-Shield® (PVDF) top coating
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E84-81A Flame Spread Rating Class A (15)
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
812810	110	White	40 yd.	16 oz.	61 in.
812811	111	Red	40 yd.	16 oz.	61 in.
812814	114	Forest Green	40 yd.	16 oz.	61 in.
812817	117	Yellow	40 yd.	16 oz.	61 in.
812825	125	Black	40 yd.	16 oz.	61 in.
812832	132	Classic Red	40 yd.	16 oz.	61 in.
812841	141	Dark Blue	40 yd.	16 oz.	61 in.

Canopy® and Fluoro-Shield® are registered trademarks of Herculite Products Inc.



ERADI-LITE®

Eradi-Lite is a flexible and anti-crazing eradicable backlit awning and sign fabric made of a lightweight vinyl-laminated polyester fabric with an acrylic topcoat. The fabric features a unique blend of plasticizers and elastomers, which make the material resistant to plasticizer migration and staining or abrasion, while still remaining highly flexible.

FABRIC	Vinyl Laminated Polyester
FINISH	Eradicable Coating
FR STANDARDS MET	California State Fire Marshal Title 19, Section 1237; NFPA 701, Test Method 2
WARRANTY	8-Year (5-Year U.S. Desert Southwest)

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
853800	2700	White	30 yd.	17 oz.	78 in.
853802	2702	Olympic Blue	30 yd.	17 oz.	78 in.
853804	2704	Mid Blue	30 yd.	17 oz.	78 in.
853806	2706	Dark Blue	30 yd.	17 oz.	78 in.
853810	2710	Mid Red	30 yd.	17 oz.	78 in.
853812	2712	Red	30 yd.	17 oz.	78 in.
853814	2714	Burgundy	30 yd.	17 oz.	78 in.
853820	2720	Green	30 yd.	17 oz.	78 in.
853822	2722	Forest Green	30 yd.	17 oz.	78 in.
853824	2724	Yellow	30 yd.	17 oz.	78 in.
853828	2728	Black	30 yd.	17 oz.	78 in.
853851	2751	Orange	30 yd.	17 oz.	78 in.
853854	2754	Reflex Blue	30 yd.	17 oz.	78 in.

Eradi-Lite® is a registered trademark of Glen Raven, Inc.



COOLEY-BRITE®

Engineered for high color brilliance and translucency in back-lit signs or awnings. Cooley-Brite provides the fastest, most economical method of sign and awning decoration. Accommodates numerous other graphics applications, including pressure-sensitive vinyls, heat transfer, screen printing and spray painting. Highly durable and easily cleaned.

FABRIC	Extrusion Coated PVC
FINISH	Eradicable Ink Top Surface
FR STANDARDS MET	California State Fire Marshal, NFPA 701, UL Listed
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
853004	0606	White	25 yd.	20 oz.	78 in.
853005	2020	Burgundy	25 yd.	20 oz.	78 in.
853006	2025	Black	25 yd.	20 oz.	78 in.
853007	2037A	Yellow	25 yd.	20 oz.	78 in.
853008	2108A	Green	25 yd.	20 oz.	78 in.
853009	2114	Dark Blue	25 yd.	20 oz.	78 in.
853010	2119A	Orange	25 yd.	20 oz.	78 in.
853011	2146A	Ivory	25 yd.	20 oz.	78 in.
853012	2283A	Dark Red	25 yd.	20 oz.	78 in.
853013	2648	Light Blue	25 yd.	20 oz.	78 in.
853014	2662A	Light Red	25 yd.	20 oz.	78 in.
853015	0301	Mid-Blue	25 yd.	20 oz.	78 in.
853016	5019	Teal	25 yd.	20 oz.	78 in.
853017	0219A	Pink	25 yd.	20 oz.	78 in.
853018	4048	Forest Green	25 yd.	20 oz.	78 in.
853019	0355A	Light Green	25 yd.	20 oz.	78 in.
853021	0248	Plum	25 yd.	20 oz.	78 in.
853022	0123A	Sunflower	25 yd.	20 oz.	78 in.
853023	0132	Bright Red	25 yd.	20 oz.	78 in.
853024	5025	Reflex Blue	25 yd.	20 oz.	78 in.
853201	SM-42	White	25 yd.	16 oz.	78 in.

Cooley-Brite® and Cooley Magic® are registered trademarks of Cooley, Inc.

COOLEY-BRITE® II WITH COOLTHANE® EPS

All of the high color brilliance and unique graphics capabilities of Cooley-Brite are also available with a clear Coolthane® Enhanced Protection System top coating for extended life and easy cleaning. It's highly resistant to mildew and UV rays.

FABRIC	Extrusion Coated PVC
FINISH	Coolthane® EPS with Eradicable Ink Top Surface
FR STANDARDS MET	California State Fire Marshal, NFPA 701, UL Listed
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
853104	C0606	White	25 yd.	20 oz.	78 in.
853105	C2020	Burgundy	25 yd.	20 oz.	78 in.
853106	C2025	Black	25 yd.	20 oz.	78 in.
853107	C2037A	Yellow	25 yd.	20 oz.	78 in.
853108	C2108A	Green	25 yd.	20 oz.	78 in.
853109	C2114	Dark Blue	25 yd.	20 oz.	78 in.
853110	C2119A	Orange	25 yd.	20 oz.	78 in.
853111	C2146A	Ivory	25 yd.	20 oz.	78 in.
853112	C2283A	Dark Red	25 yd.	20 oz.	78 in.
853113	C2648	Light Blue	25 yd.	20 oz.	78 in.
853114	C2662A	Light Red	25 yd.	20 oz.	78 in.
853115	C0301	Mid-Blue	25 yd.	20 oz.	78 in.
853116	C5019	Teal	25 yd.	20 oz.	78 in.
853117	C0219A	Pink	25 yd.	20 oz.	78 in.
853118	C4048	Forest Green	25 yd.	20 oz.	78 in.
853119	C0355A	Light Green	25 yd.	20 oz.	78 in.
853121	C0248	Plum	25 yd.	20 oz.	78 in.
853122	C0123A	Sunflower	25 yd.	20 oz.	78 in.
853123	C0132	Bright Red	25 yd.	20 oz.	78 in.
853124	C5025	Reflex Blue	25 yd.	20 oz.	78 in.
853140	79-7002	Night Shade Brown	50 yd.	20 oz.	78 in.
853141	79-2307	Startling Orange	50 yd.	20 oz.	78 in.

Cooley-Brite® and Coolthane® are registered trademarks of Cooley, Inc.



COOLEY-BRITE® LITE

Flexible, yet durable, Cooley-Brite Lite is a lightweight, vinyl coated polyester fabric that features excellent translucency in any back-lit sign or awning application. This line of white and eradicable colored substrates is easy to handle and simple to install. Cooley-Brite Lite suits a wide range of graphic applications, including screen printing, pressure-sensitive graphics, and spray painting with acrylic-based paint. Its advanced scrim design enhances graphic effects to provide superior quality and luminescent colors. A more resilient ink surface helps prevent fabric bruising.

FABRIC	Extrusion Coated PVC
FINISH	Eradicable Ink Top Surface
FR STANDARDS MET	California State Fire Marshal, NFPA 701, UL Listed
WARRANTY	8-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
853300	CBL0606	White	25 yd.	16 oz.	78 in.
853301	CBL1	Cherry Red	25 yd.	16 oz.	78 in.
853302	CBL2	Bright Red	25 yd.	16 oz.	78 in.
853304	CBL4	Lemon Yellow	25 yd.	16 oz.	78 in.
853305	CBL5	Navy Blue	25 yd.	16 oz.	78 in.
853306	CBL6	Royal Blue	25 yd.	16 oz.	78 in.
853307	CBL7	Emerald Green	25 yd.	16 oz.	78 in.
853310	CBL10	Black	25 yd.	16 oz.	78 in.
853311	CBL11	Plum	25 yd.	16 oz.	78 in.
853313	CBL13	Teal	25 yd.	16 oz.	78 in.
853315	CBL15	Petro Green	25 yd.	16 oz.	78 in.
853316	CBL16	Intense Blue	25 yd.	16 oz.	78 in.
853317	CBL17	Tangerine	25 yd.	16 oz.	78 in.
853318	CBL18	Ruby Red	25 yd.	16 oz.	78 in.
853319	CBL19	Raspberry	25 yd.	16 oz.	78 in.
853320	CBL	White (no topcoat)	25 yd.	16 oz.	78 in.
853322	CBL22	Burgundy	25 yd.	16 oz.	78 in.
853323	CBL20	Sunflower Yellow	25 yd.	16 oz.	78 in.
853324	CBL21	Holly Green	25 yd.	16 oz.	78 in.

Cooley-Brite® is a registered trademark of Cooley, Inc.

ERADICATING FLUID

ITEM #	STYLE #	PUT UP
214339	7299	1 gal.



AWNING COMPOSER®

A simple way to bring your vision to life

Let your customer see a beautiful awning through your eyes. Just take a picture of your customer's home or business and you can quickly show the shade solution you envision. Awning Composer is filled with new features such as real time shade simulation using building location, time of year, and photo direction to make selling even easier for you, and there's more to come. To learn more about what Awning Composer can do for you and to try the full version of the software for 15 days, visit www.awningcomposer.com.

Sometimes no matter how detailed you are with a customer, they just can't envision what an awning or shade solution will look like on their home or storefront. For years, Awning Composer has been the tool to help fabricators provide that picture. With its easy to use interface, Awning Composer requires little computer know-how and no prior graphics experience. No matter your level of computer proficiency, you can create a professional digital rendering in less than 15 minutes.

Easy & Effective Step-by-Step Process

Step 1: Take a picture of the customer's property using a digital camera or phone and import the image directly into the program.

Step 2: Superimpose any number of pre-built 3D models of awnings, signs, shade sails, graphics or text onto the property.

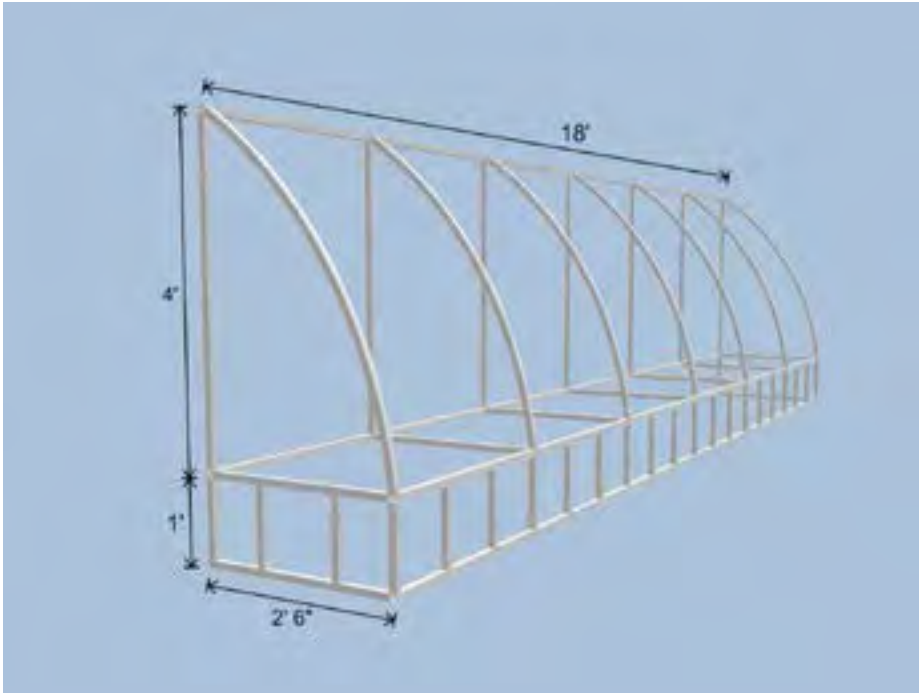
Step 3: Choose a fabric for the shade solution from hundreds of pre-loaded manufacturer-specific styles. In addition, customize valances, braiding and lettering using industry-specific colors or choose from a custom color palette.

Step 4: Save the rendered image and email as an attachment or print the completed rendering for your customer.

Utilize Awning Composer in the office or take it with you on sales calls for quick on-site renderings. Awning Composer is an easy way to add value for your customers and stand apart from your competitors.

Visit www.awningcomposer.com to purchase or download a 15 day trial.

Awning Composer® is a registered trademark of Glen Raven, Inc.



New Features

Using new dynamic objects in Awning Composer, adjustments can easily be made to the awning frame; such as changing the spacing between the rafter and support bars. See the changes that have been made instantly. Once an awning has been created, dimensions are shown, multiple angles can be viewed, and the results can be saved or printed.

In addition to stationary awnings, there are dynamic versions of other objects such as a retractable awning, vertical curtain, retractable roof, and umbrella. By moving a slider bar, that controls how open or closed the structure is, Awning Composer can show how these shade structures function.

Awning Composer Before & After



Without Shade Sails



Without Awning



Without Shade Sails



With Shade Sails



With Awning



With Shade Sails



SUNBRELLA® FUSION

Sunbrella Fusion is a highly decorative collection of upholstery fabrics available exclusively through Trivantage®. The line is the fusion of beauty and durability, with gorgeous fabrics for indoor and outdoor use that allows for a worry-free lifestyle. The Fusion collection offers a wide variety of colors and patterns, including both classic basics and show-stopping jacquards for the ultimate in style and design possibilities.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

2015 Fusion Addendum

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
740031	44157-0013	Posh Ash	40-60 yd.	12 oz.	54 in.
740032	44157-0018	Posh Salt	40-60 yd.	12 oz.	54 in.
740033	44157-0021	Posh Charcoal	40-60 yd.	12 oz.	54 in.
740034	44157-0023	Posh Dove	40-60 yd.	12 oz.	54 in.
740035	44157-0024	Posh Shitake	40-60 yd.	12 oz.	54 in.
740036	44216-0005	Meander Shamrock	40-60 yd.	11 oz.	54 in.
740037	44216-0011	Meander Lilac	40-60 yd.	11 oz.	54 in.
740038	44216-0012	Meander Pebble	40-60 yd.	11 oz.	54 in.
740039	44216-0013	Meander Wren	40-60 yd.	11 oz.	54 in.
740040	45345-0000	Extend Breeze	40-60 yd.	11 oz.	54 in.
740041	45864-0000	Chartres Hemp	40-60 yd.	12 oz.	54 in.
740042	45864-0001	Chartres Flax	40-60 yd.	12 oz.	54 in.
740044	45864-0003	Chartres Willow	40-60 yd.	12 oz.	54 in.
740045	45864-0004	Chartres Pebble	40-60 yd.	12 oz.	54 in.
740046	45864-0014	Chartres Wisteria	40-60 yd.	12 oz.	54 in.
740047	45864-0045	Chartres Mist	40-60 yd.	12 oz.	54 in.
740048	45973-0001	Crazy Quilt Seaglass	40-60 yd.	11 oz.	54 in.
740049	45984-0000	Paris Blush	40-60 yd.	10 oz.	54 in.
740050	45984-0001	Paris Raffia	40-60 yd.	10 oz.	54 in.
740051	45984-0004	Paris Lavender	40-60 yd.	10 oz.	54 in.
740052	45984-0005	Paris Mist	40-60 yd.	10 oz.	54 in.
740053	40061-0053	Meridian Flax	40-60 yd.	7 oz.	54 in.
740054	40061-0054	Meridian Pewter	40-60 yd.	7 oz.	54 in.
740055	40061-0055	Meridian Wisteria	40-60 yd.	7 oz.	54 in.
740056	40061-0056	Meridian Mist	40-60 yd.	7 oz.	54 in.
740057	40061-0057	Meridian Meadow	40-60 yd.	7 oz.	54 in.
740058	40061-0058	Meridian Rose	40-60 yd.	7 oz.	54 in.
740059	40061-0059	Meridian Cameo	40-60 yd.	7 oz.	54 in.
740060	40061-0060	Meridian Grain	40-60 yd.	7 oz.	54 in.
740061	44240-0001	Houndstooth Ivory	40-60 yd.	9 oz.	54 in.
740062	44240-0003	Houndstooth Wren	40-60 yd.	9 oz.	54 in.
740063	44240-0004	Houndstooth Spark	40-60 yd.	9 oz.	54 in.
729356	45864-0002	Chartres Barley	40-60 yd.	12 oz.	54 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
729322	42025-0002	Simone Landscape	40-60 yd.	12 oz.	54 in.
729323	42025-0003	Simone Flame	40-60 yd.	12 oz.	54 in.
729325	42025-0005	Simone Rocco	40-60 yd.	12 oz.	54 in.
729328	42025-0008	Simone Mahogany	40-60 yd.	12 oz.	54 in.
729329	42025-0009	Simone Barley	40-60 yd.	12 oz.	54 in.
729513	1354-0001	Navigation Marine	40-60 yd.	13 oz.	54 in.
729522	40107-0011	Bubble Nautical	40-60 yd.	9 oz.	54 in.
729545	1357-0001	Beachcomber Dune	40-60 yd.	14 oz.	54 in.
740001	45543-0000	Allure Dusk	40-60 yd.	12 oz.	54 in.
740002	45629-0000	Aries Spring	40-60 yd.	13 oz.	54 in.
740003	40247-0004	Bangle Adobe	40-60 yd.	8 oz.	54 in.
740004	40247-0002	Bangle Surfside	40-60 yd.	8 oz.	54 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH	ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
740005	40278-0010	Bisbee Dune	40-60 yd.	7 oz.	54 in.	740559	40014-0059	Flagship Bay Brown	40-60 yd.	8 oz.	54 in.
740006	40278-0011	Bisbee Wren	40-60 yd.	7 oz.	54 in.	740565	40308-0001	Hampton Indigo	40-60 yd.	8 oz.	54 in.
740007	40278-0017	Bisbee Charcoal	40-60 yd.	7 oz.	54 in.	740567	45794-0003	Isla Breeze	40-60 yd.	13 oz.	54 in.
740008	40278-0013	Bisbee Linden	40-60 yd.	7 oz.	54 in.	740603	40061-0003	Meridian Vellum	40-60 yd.	7 oz.	54 in.
740009	40278-0012	Bisbee Fiesta	40-60 yd.	7 oz.	54 in.	740604	40061-0004	Meridian Dove	40-60 yd.	7 oz.	54 in.
740010	45534-0000	Bukhara Russet	40-60 yd.	12 oz.	54 in.	740605	40061-0005	Meridian Frost	40-60 yd.	7 oz.	54 in.
740011	42035-0009	Cannes Oyster	40-60 yd.	8 oz.	54 in.	740606	40061-0006	Meridian Patina	40-60 yd.	7 oz.	54 in.
740012	42051-0000	Charisma Dusk	40-60 yd.	10 oz.	54 in.	740607	40061-0007	Meridian Wren	40-60 yd.	7 oz.	54 in.
740013	40014-0037	Flagship Plum	40-60 yd.	8 oz.	54 in.	740608	40061-0008	Meridian Coco	40-60 yd.	7 oz.	54 in.
740014	40014-0039	Flagship Persimmon	40-60 yd.	8 oz.	54 in.	740609	40061-0009	Meridian Mustard	40-60 yd.	7 oz.	54 in.
740015	40014-0065	Flagship Salt	40-60 yd.	8 oz.	54 in.	740610	40061-0010	Meridian Mango	40-60 yd.	7 oz.	54 in.
740016	46028-0007	Palace Stone	40-60 yd.	9 oz.	54 in.	740611	40061-0011	Meridian Brick	40-60 yd.	7 oz.	54 in.
740017	46028-0000	Palace Fiesta	40-60 yd.	9 oz.	54 in.	740612	40061-0012	Meridian Lemon	40-60 yd.	7 oz.	54 in.
740018	44157-0005	Posh Acorn	40-60 yd.	12 oz.	54 in.	740613	40061-0013	Meridian Lime	40-60 yd.	7 oz.	54 in.
740019	44157-0000	Posh Parchment	40-60 yd.	12 oz.	54 in.	740614	40061-0014	Meridian Twilight	40-60 yd.	7 oz.	54 in.
740020	44157-0003	Posh Persimmon	40-60 yd.	12 oz.	54 in.	740616	40061-0016	Meridian Air	40-60 yd.	7 oz.	54 in.
740021	44157-0002	Posh Lime	40-60 yd.	12 oz.	54 in.	740618	40061-0018	Meridian Espresso	40-60 yd.	7 oz.	54 in.
740022	44157-0004	Posh Oat	40-60 yd.	12 oz.	54 in.	740621	45336-0000	Cheetah Safari	40-60 yd.	13 oz.	54 in.
740023	45585-0000	Renewal Linden	40-60 yd.	12 oz.	54 in.	740632	40061-0032	Meridian Maize	40-60 yd.	7 oz.	54 in.
740024	45626-0001	Royce Garden	40-60 yd.	13 oz.	54 in.	740633	40061-0033	Meridian Teak	40-60 yd.	7 oz.	54 in.
740025	40245-0008	Strata Cashew	40-60 yd.	7 oz.	54 in.	740634	40061-0034	Meridian Charcoal	40-60 yd.	7 oz.	54 in.
740026	40245-0004	Strata Vellum	40-60 yd.	7 oz.	54 in.	740635	45718-0001	Neo Sesame	40-60 yd.	13 oz.	54 in.
740027	40245-0005	Strata Wren	40-60 yd.	7 oz.	54 in.	740636	45718-0000	Neo Silk	40-60 yd.	13 oz.	54 in.
740028	40245-0003	Strata Oyster	40-60 yd.	7 oz.	54 in.	740641	45349-0001	Nile Cocoa	40-60 yd.	11 oz.	54 in.
740029	40245-0007	Strata Linden	40-60 yd.	7 oz.	54 in.	740654	45353-0004	Bangladesh Dune	40-60 yd.	12 oz.	54 in.
740030	73013-0002	Vibe Earthen	40-60 yd.	18 oz.	54 in.	740661	45412-0001	Lanai Lagoon	40-60 yd.	12 oz.	54 in.
740220	42033-0000	Francois Lagoon	40-60 yd.	8 oz.	54 in.	740664	45412-0004	Lanai Teak	40-60 yd.	12 oz.	54 in.
740223	42033-0003	Francois Teak	40-60 yd.	7 oz.	54 in.	740670	45415-0000	Grove Oat	40-60 yd.	13 oz.	54 in.
740225	42033-0005	Francois Redwood	40-60 yd.	7 oz.	54 in.	740671	45415-0001	Grove Wren	40-60 yd.	13 oz.	54 in.
740228	42033-0008	Francois Barley	40-60 yd.	7 oz.	54 in.	740680	45418-0000	Rae Marie Sunset	40-60 yd.	11 oz.	54 in.
740229	42033-0009	Francois Parchment	40-60 yd.	7 oz.	54 in.	740691	45419-0001	Leonardo Clay	40-60 yd.	11 oz.	54 in.
740230	42034-0000	Reel Slate	40-60 yd.	10 oz.	54 in.	740762	46008-0012	Hoopla Cocoa	40-60 yd.	17 oz.	54 in.
740234	42034-0004	Reel Parchment	40-60 yd.	10 oz.	54 in.	740770	70011-0000	Plush Oatmeal	40-60 yd.	11 oz.	54 in.
740245	42035-0005	Cannes Parchment	40-60 yd.	9 oz.	54 in.	740771	70011-0001	Plush Maize	40-60 yd.	11 oz.	54 in.
740254	45789-0000	Bingham Graphite	40-60 yd.	13 oz.	54 in.	740772	70011-0002	Plush Earth	40-60 yd.	11 oz.	54 in.
740255	45789-0001	Bingham Lagoon	40-60 yd.	13 oz.	54 in.	740775	70011-0005	Plush Sable	40-60 yd.	11 oz.	54 in.
740256	45789-0004	Bingham Sunset	40-60 yd.	13 oz.	54 in.	740776	70011-0006	Plush Spa	40-60 yd.	11 oz.	54 in.
740262	42006-0002	Canyon Wren	40-60 yd.	10 oz.	54 in.	740777	70011-0007	Plush Patina	40-60 yd.	11 oz.	54 in.
740263	42006-0011	Canyon Curry	40-60 yd.	10 oz.	54 in.	740778	70011-0008	Plush Wren	40-60 yd.	11 oz.	54 in.
740264	42006-0004	Canyon Vellum	40-60 yd.	10 oz.	54 in.	740786	40316-0006	Prestige Yarrow	40-60 yd.	8 oz.	54 in.
740265	42006-0005	Canyon Wheat	40-60 yd.	10 oz.	54 in.	741175	45808-0000	Venice Lime	40-60 yd.	13 oz.	54 in.
740266	42006-0006	Canyon Cocoa	40-60 yd.	9 oz.	54 in.	741176	40332-0007	Viento Java	40-60 yd.	8 oz.	54 in.
740267	42006-0007	Canyon Walnut	40-60 yd.	9 oz.	54 in.	741177	40332-0005	Viento Mercury	40-60 yd.	8 oz.	54 in.
740268	42006-0012	Canyon Antique	40-60 yd.	10 oz.	54 in.	741178	40332-0006	Viento Nautical	40-60 yd.	8 oz.	54 in.
740269	42006-0009	Canyon Spring	40-60 yd.	10 oz.	54 in.	741179	40332-0008	Viento Paprika	40-60 yd.	8 oz.	54 in.
740271	40329-0007	Cha Cha Lagoon	40-60 yd.	8 oz.	54 in.	741180	47072-0004	Zara Moroccan	40-60 yd.	15 oz.	54 in.
740272	40329-0009	Cha Cha Sunset	40-60 yd.	8 oz.	54 in.	741181	47072-0005	Zara Sunset	40-60 yd.	15 oz.	54 in.
740321	44098-0001	Holmes Latte	40-60 yd.	8 oz.	54 in.	741212	40046-0002	Trax Wren	44-60 yd.	8 oz.	54 in.
740322	44098-0002	Holmes Cocoa	40-60 yd.	8 oz.	54 in.	741213	40046-0003	Trax Willow	44-60 yd.	8 oz.	54 in.
740323	44098-0003	Holmes Flannel	40-60 yd.	8 oz.	54 in.	741214	40046-0045	Trax Blue	40-60 yd.	8 oz.	54 in.
740364	44036-0004	Sasian Sesame	40-60 yd.	7 oz.	54 in.	741217	40046-0043	Trax Coal	40-60 yd.	8 oz.	54 in.
740395	41010-0005	Forsythia Parchment	40-60 yd.	10 oz.	54 in.	741218	40046-0034	Trax Denim	40-60 yd.	8 oz.	54 in.
740486	40014-0004	Flagship Cocoa	40-60 yd.	8 oz.	54 in.	741219	40046-0055	Trax Linden	40-60 yd.	8 oz.	54 in.
740488	40014-0045	Flagship Brick	40-60 yd.	8 oz.	54 in.	741221	40046-0000	Trax Mink	40-60 yd.	8 oz.	54 in.
740489	40014-0044	Flagship Ruby	40-60 yd.	8 oz.	54 in.	741222	40046-0046	Trax Mouse	40-60 yd.	8 oz.	54 in.
740490	40014-0000	Flagship Vellum	40-60 yd.	8 oz.	54 in.	741223	40046-0019	Trax Sequoia	40-60 yd.	8 oz.	54 in.
740492	40014-0002	Flagship Papyrus	40-60 yd.	8 oz.	54 in.	741224	40046-0048	Trax Terra	40-60 yd.	8 oz.	54 in.
740495	40014-0005	Flagship Pecan	40-60 yd.	8 oz.	54 in.	741225	40046-0027	Trax Truffle	40-60 yd.	8 oz.	54 in.
740498	40014-0008	Flagship Black	40-60 yd.	8 oz.	54 in.	741227	40046-0005	Trax Smoke	40-60 yd.	8 oz.	54 in.
740499	40014-0042	Flagship Spring	40-60 yd.	8 oz.	54 in.	741228	40134-0003	Trax II Cloud	40-60 yd.	8 oz.	54 in.
740513	40014-0013	Flagship Mist	40-60 yd.	8 oz.	54 in.						
740517	40014-0017	Flagship Wheat	40-60 yd.	8 oz.	54 in.						
740518	40014-0018	Flagship Mango	40-60 yd.	8 oz.	54 in.						
740519	40014-0105	Flagship Raspberry	40-60 yd.	8 oz.	54 in.						
740534	40014-0034	Flagship Celadon	40-60 yd.	8 oz.	54 in.						
740535	40014-0035	Flagship Mineral	40-60 yd.	8 oz.	54 in.						
740538	40014-0038	Flagship Stone	40-60 yd.	8 oz.	54 in.						
740557	40014-0057	Flagship Ginko	40-60 yd.	8 oz.	54 in.						
740558	40014-0058	Flagship Nutmeg	40-60 yd.	8 oz.	54 in.						

Sunbrella® Fusion is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc. Trivantage® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® BRUSH FRINGE

Brush fringe is constructed from Sunbrella yarns. Can be used for marine and patio throw pillows, or as a decorative umbrella trimming. Colors and blends are specifically selected to complement our Fusion Collection as well as the Sunbrella Upholstery Collection.

3 yard minimum for cut yardage.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503657	06917	Linen/Linen Boucle	25 yd.	2 in.
503768	07104	Black/Charcoal/Toast	25 yd.	3 in.
503855	06865	Natural	25 yd.	2 in.
503856	06867	Jockey Red	25 yd.	2 in.
503874	07300	Cocoa	25 yd.	2 in.
504500	07300-4604	Salt	25 yd.	2 in.
504501	07300-4608	Onyx	25 yd.	2 in.
504502	07300-4635	Buttercup	25 yd.	2 in.
504503	07300-5462	Hot Pink	25 yd.	2 in.
504504	07697-2	Classic	25 yd.	2 in.
504505	08290-2	Papaya	25 yd.	2 in.
504506	08293-2	Rain Forest	25 yd.	2 in.
504507	08337-2	Barley	25 yd.	2 in.
504508	08345-2	Putty	25 yd.	2 in.
504509	08346-2	Smoke	25 yd.	2 in.
504510	08347-2	Dune	25 yd.	2 in.
504511	08348-2	Flame	25 yd.	2 in.
504512	08350-2	Redwood	25 yd.	2 in.
504513	08351-2	Indigo	25 yd.	2 in.
504514	08352-2	Opal	25 yd.	2 in.
504515	08354-2	Clay	25 yd.	2 in.
504516	08359-2	Dusk	25 yd.	2 in.
504517	08362-2	Meadow	25 yd.	2 in.

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SUNBRELLA® TWIST CORD-EDGE

Twisted bead is constructed from Sunbrella yarns. Color-matched sewing tab. Can be used as a welting on marine and patio cushions or as a decorative umbrella trimming. Colors and blends are specifically selected to complement our Fusion Collection as well as the Sunbrella Upholstery Collection.

3 yard minimum for cut yardage.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
504700	07313-4603	Crimson	25 yd.	3/8 in.
504701	07313-4604	Salt	25 yd.	3/8 in.
504702	07313-4608	Onyx	25 yd.	3/8 in.
504703	07313-4621	Chocolate	25 yd.	3/8 in.
504704	07313-4626	Navy	25 yd.	3/8 in.
504705	07313-4630	Dove	25 yd.	3/8 in.
504706	07313-4633	Almond	25 yd.	3/8 in.
504707	07313-4635	Buttercup	25 yd.	3/8 in.
504708	07313-4644	Graphite	25 yd.	3/8 in.
504709	07313-4648	Stone	25 yd.	3/8 in.
504710	07313-4649	Plum	25 yd.	3/8 in.
504711	07313-4672	Wren	25 yd.	3/8 in.
504712	07313-4673	Spa	25 yd.	3/8 in.
504713	07313-4674	Wheat	25 yd.	3/8 in.
504714	07313-4675	Capri	25 yd.	3/8 in.
504715	07313-4676	Cocoa	25 yd.	3/8 in.
504716	07313-4677	Tuscan	25 yd.	3/8 in.
504717	07313-4685	Ginkgo	25 yd.	3/8 in.
504718	07313-4686	Nutmeg	25 yd.	3/8 in.
504719	07313-5415	Melon	25 yd.	3/8 in.
504720	07313-5416	Aruba	25 yd.	3/8 in.
504721	07313-5418	Deep Sea	25 yd.	3/8 in.
504722	07313-5420	Sky	25 yd.	3/8 in.
504723	07313-5421	Palm	25 yd.	3/8 in.
504724	07313-5441	Gold	25 yd.	3/8 in.
504725	07313-5462	Hot Pink	25 yd.	3/8 in.
504726	07313-5488	Teak	25 yd.	3/8 in.
504727	07313-5498	Vellum	25 yd.	3/8 in.
504728	07532-CE	Nautical	25 yd.	3/8 in.
504729	08337	Barley	25 yd.	3/8 in.
504730	08345	Putty	25 yd.	3/8 in.
504731	08346	Smoke	25 yd.	3/8 in.
504732	08347-CE	Dune	25 yd.	3/8 in.
504733	08348-CE	Flame	25 yd.	3/8 in.
504734	08349	Linden	25 yd.	3/8 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® SHADOW

Discover fabrics that filter light while adding style and privacy to indoor and outdoor areas. Designed for use in awnings, market umbrellas, privacy screens and architectural embellishments on gazebos and other outdoor structures, Sunbrella Shade Shadow filters and diffuses light and adds privacy or decorative embellishments without completely blocking the sun.

Sunbrella Shadow features a mock-leno weave in which space is locked into the fabric, limiting the amount of sun blocked. It also allows water to pass through for fast drying and prevents weight gain from water retention that can damage architectural structures.

Offered in a variety of colors, Sunbrella Shade Shadow coordinates with many popular Sunbrella solid awning and furniture fabric colors.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117, Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
740420	51000-0000	Shadow Snow	60 yd.	6 oz.	54 in.
740421	51000-0001	Shadow Sand	60 yd.	6 oz.	54 in.
740425	51000-0005	Shadow Wren	60 yd.	6 oz.	54 in.
740433	51000-0013	Shadow Charcoal	60 yd.	6 oz.	54 in.

SUNBRELLA® SHEER MIST

Sunbrella Sheer Mist performance fabric is fade-resistant and ideal for draperies and architectural structures that call for luxurious, romantic embellishments.

Sunbrella Sheer Mist fabric is woven from Sunbrella yarns, which makes it long lasting even under long-term sun exposure. The fabric also offers soil release for easy cleaning. In addition, water can flow through the fabric, allowing for fast drying and avoiding the risk of damage to architectural structures from weight gain due to water retention.

This plain flat weave fabric is a light, wispy sheer that takes on the coloration of background elements. And since Sunbrella Sheer Mist is made with Sunbrella yarns, it coordinates with the entire Sunbrella decorative fabric line.

FABRIC	100% Sunbrella Acrylic
FR STANDARDS MET	California Technical Bulletin 117, Section E (CS-191-53)
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
740410	52001-0000	Mist Snow	60 yd.	4 oz.	54 in.
740411	52001-0001	Mist Parchment	60 yd.	4 oz.	54 in.
740412	52001-0002	Mist Sand	60 yd.	4 oz.	54 in.
740413	52001-0003	Mist Honey	60 yd.	4 oz.	54 in.
740414	52001-0004	Mist Wren	60 yd.	4 oz.	54 in.
740415	52001-0005	Mist Dove	60 yd.	4 oz.	54 in.

Sunbrella® Sheer Mist Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

Sunbrella® Shadow Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

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SUNBRELLA® SLING

Sunbrella Sling is a patented performance fabric that combines the exceptional strength of vinyl yarns with the softness of Sunbrella. These extremely durable outdoor fabrics are primarily used in sling chair applications. Sunbrella Sling is fade and stain resistant, and provides a sleek designer look and effortless maintenance.

FABRIC	PVC Coated Polyester/Sunbrella
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ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
793800	5928-0033	Augustine Fennel	45 yd.	14 oz.	54 in.
793801	5928-0034	Augustine Moss	45 yd.	14 oz.	54 in.
793803	5928-0032	Augustine Pecan	45 yd.	14 oz.	54 in.
793805	53004-0001	Belfort Oak	45 yd.	16.8 oz.	54 in.
793807	53004-0000	Belfort Parchment	45 yd.	16.8 oz.	54 in.
793809	50182-0000	Cameron Bamboo	45 yd.	16.89 oz.	54 in.
793811	50169-0000	Stafford Cedar	45 yd.	16 oz.	54 in.
793812	50170-0000	Shangrila Seagrass	45 yd.	16 oz.	54 in.
793813	50171-0000	Shangrila Dove	45 yd.	16 oz.	54 in.
793815	50162-0003	Frontier Barley	45 yd.	16 oz.	54 in.
793816	50162-0003	Frontier Everglade	45 yd.	16 oz.	54 in.
793817	50162-0006	Frontier Redwood	45 yd.	16 oz.	54 in.
793818	50045-0001	Logan Ocean	45 yd.	15 oz.	54 in.
793819	50182-0002	Cameron Granite	45 yd.	16.89 oz.	54 in.
793824	50182-0001	Cameron Pebble	45 yd.	16.89 oz.	54 in.
793825	5318-0002	Casteel Dune	45 yd.	17.0 oz.	54 in.
793826	5318-0000	Casteel Java	45 yd.	17.0 oz.	54 in.
793827	5318-0001	Casteel Straw	45 yd.	17.0 oz.	54 in.
793828	50186-0000	Crystal Dove	45 yd.	14.28 oz.	54 in.
793830	5268-0002	Rachelle Teak	45 yd.	19 oz.	54 in.
793834	5288-0000	Igneous Cappucino	45 yd.	18 oz.	54 in.
793835	5288-0001	Igneous Sesame	45 yd.	18 oz.	54 in.
793836	5288-0005	Igneous Granite	45 yd.	18 oz.	54 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
793839	5290-0003	Dublin Oak	45 yd.	18 oz.	54 in.
793844	50143-0000	Sailing Salt	45 yd.	18 oz.	54 in.
793845	50143-0003	Sailing Suntan	45 yd.	18 oz.	54 in.
793847	50143-0004	Sailing Sienna	45 yd.	18 oz.	54 in.
793848	50143-0010	Sailing Seagull	45 yd.	18 oz.	54 in.
793849	50186-0005	Crystal Lagoon	45 yd.	14.28 oz.	54 in.
793850	5301-0006	Calvin Spice	45 yd.	21 oz.	54 in.
793852	50186-0001	Crystal Latte	45 yd.	14.28 oz.	54 in.
793853	50186-0002	Crystal Lead	45 yd.	14.28 oz.	54 in.
793854	50186-0004	Crystal Parchment	45 yd.	14.28 oz.	54 in.
793855	50184-0000	Elevation Oak	45 yd.	14.36 oz.	54 in.
793856	50183-0000	Elevation Stone	45 yd.	14.36 oz.	54 in.
793857	5319-0000	Force Oak	45 yd.	15.29 oz.	54 in.
793858	5319-0002	Force Slate	45 yd.	15.29 oz.	54 in.
793859	5319-0001	Force Sparrow	45 yd.	15.29 oz.	54 in.
793860	5317-0001	Keetley Birch	45 yd.	15.96 oz.	54 in.
793863	5226-0004	Mattox 6004PB	45 yd.	16 oz.	54 in.
793864	5226-0005	Mattox 6005PB	45 yd.	16 oz.	54 in.
793866	5317-0002	Keetley Jay	45 yd.	15.96 oz.	54 in.
793867	5317-0000	Keetley Prairie	45 yd.	15.96 oz.	54 in.
793868	5270-0002	James Redwood	45 yd.	18 oz.	54 in.
793869	5300-0000	Baron Oak	45 yd.	21 oz.	54 in.
793901	50190-0001	Network Toffee	45 yd.	14 oz.	54 in.
793902	50190-0002	Network Sandstone	45 yd.	14 oz.	54 in.
793903	50190-0003	Network Snow	45 yd.	14 oz.	54 in.
793904	50190-0004	Network Onyx	45 yd.	14 oz.	54 in.
793906	5910-0006	Weyburn Redwood	45 yd.	14 oz.	54 in.
793909	5928-0039	Augustine Frost	45 yd.	15.7 oz.	54 in.
793910	5928-0040	Augustine Pear	45 yd.	15.7 oz.	54 in.
793911	5928-0041	Augustine Amethyst	45 yd.	15.7 oz.	54 in.
793912	5928-0042	Augustine Alloy	45 yd.	15.7 oz.	54 in.
793940	50135-0000	Barlow Mocha	45 yd.	15 oz.	54 in.
793947	5928-0017	Augustine Espresso	45 yd.	16 oz.	54 in.
793948	5928-0018	Augustine Nutmeg	45 yd.	16 oz.	54 in.
793954	5928-0031	Augustine Pebble	45 yd.	16 oz.	54 in.
793957	5928-0007	Augustine Gravel	45 yd.	16 oz.	54 in.
793961	5929-0001	Lamont Curry	45 yd.	14 oz.	54 in.
793963	50016-0006	Bossa Nova Graphite	45 yd.	15 oz.	54 in.
793967	50017-0007	Havana Java	45 yd.	16 oz.	54 in.
793968	5973-0001	Myrtle 7001BN	45 yd.	14 oz.	54 in.
793982	50160-0000	Mahjong II Teak	45 yd.	16 oz.	54 in.
793983	5999-0020	Mahjong Shadow	45 yd.	16 oz.	54 in.
793993	50078-0003	Destiny Walnut	45 yd.	15 oz.	54 in.
793996	50078-0006	Destiny Sand	45 yd.	15 oz.	54 in.
793997	50078-0007	Destiny Bamboo	45 yd.	15 oz.	54 in.
794127	50178-0000	Duette Sand	45 yd.	18 oz.	54 in.
794128	50179-0000	Duette Shadow	45 yd.	18 oz.	54 in.
794132	5312-0001	Corcovado Lichen	45 yd.	18 oz.	54 in.
794134	5312-0003	Corcovado Oak	45 yd.	18 oz.	54 in.
794135	5314-0001	Madison Barley	45 yd.	16 oz.	54 in.
794137	5314-0003	Madison Cajun	45 yd.	16 oz.	54 in.
794177	6829-0000	Weyburn 7001PB	45 yd.	14 oz.	54 in.

Sunbrella® Sling Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

**SUNBRELLA® 2014-2015
UPHOLSTERY COLLECTION – DECORATIVE**

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
729202	56071-0000	Passage Poppy	40-60 yd.	9 oz.	54 in.
729209	40012-0075	Fife Plum	40-60 yd.	8 oz.	54 in.
729212	42048-0005	Mainstreet Wren	40-60 yd.	12 oz.	54 in.
729213	42048-0009	Mainstreet Latte	40-60 yd.	8 oz.	54 in.
729219	45542-0000	Blox Slate	40-60 yd.	11 oz.	54 in.
729226	56049-0000	Foster Surfside	40-60 yd.	8 oz.	54 in.
729227	56050-0000	Foster Classic	40-60 yd.	8 oz.	54 in.
729228	56051-0000	Foster Metallic	40-60 yd.	8 oz.	54 in.
729229	56052-0000	Gavin Mist	40-60 yd.	8 oz.	54 in.
729233	30503-0000	Kamal Chestnut	40-60 yd.	8 oz.	54 in.
729240	45760-0002	Violetta Baltic	40-60 yd.	15 oz.	54 in.
729282	45690-0000	Luxe Indigo	40-60 yd.	12 oz.	54 in.
729283	45701-0001	Mankala Teak	40-60 yd.	12 oz.	54 in.
729285	45706-0000	El Greco Calypso	40-60 yd.	12 oz.	54 in.
729286	45706-0001	El Greco Avocado	40-60 yd.	12 oz.	54 in.
729287	45707-0002	Aura Honey	40-60 yd.	15 oz.	54 in.
729288	45713-0003	Tango Mink	40-60 yd.	13 oz.	54 in.
729289	45746-0001	Elegance Marble	40-60 yd.	14 oz.	54 in.
729290	7253-0000	Besemer 1000BA	40-60 yd.	10 oz.	54 in.
729299	45099-0003	Cabaret Bluehaze	40-60 yd.	10 oz.	54 in.
735268	56068-0000	Cassidy Pebble	40-60 yd.	9 oz.	54 in.
735602	5602-0000	Bravada Limelite	40-60 yd.	8 oz.	54 in.
735603	5603-0000	Harwood Crimson	40-60 yd.	9 oz.	54 in.
735610	5621-0000	Brannon Whisper	40-60 yd.	8 oz.	54 in.
735630	5630-0000	Mason Forest Green	40-60 yd.	8 oz.	54 in.
735674	5674-0000	Maxim Heather Beige	40-60 yd.	8 oz.	54 in.
735695	5695-0000	Regency Sand	40-60 yd.	9 oz.	54 in.
735701	5601-0000	Bravada Salsa	40-60 yd.	8 oz.	54 in.
735704	5604-0000	Castanet Beach	40-60 yd.	8 oz.	54 in.
735706	5606-0000	Davidson Redwood	40-60 yd.	9 oz.	54 in.
735708	5608-0000	Seville Seaside	40-60 yd.	8 oz.	54 in.
735710	5610-0000	Elliott Wren	40-60 yd.	8 oz.	54 in.
735712	5612-0000	Brannon Redwood	40-60 yd.	8 oz.	54 in.
735726	5626-0000	Maxim Cocoa	40-60 yd.	8 oz.	54 in.
738521	8521-0000	Berenson Tuxedo	40-60 yd.	9 oz.	54 in.
738605	8005-0000	Renata Hemp	40-60 yd.	9 oz.	54 in.
738621	8021-0000	Dimone Flame	40-60 yd.	10 oz.	54 in.
738631	8031-0000	Dimone Sequoia	40-60 yd.	10 oz.	54 in.
738641	8041-0000	Carnegie Willow	40-60 yd.	9 oz.	54 in.
738665	8065-0000	Carnegie Celeste	40-60 yd.	9 oz.	54 in.
740355	40236-0005	Marcello Seaglass	40-60 yd.	9 oz.	54 in.
740359	40236-0009	Marcello Sunset	40-60 yd.	9 oz.	54 in.
740409	45399-0000	Newbury Sunset	40-60 yd.	12 oz.	54 in.
743228	32008-0000	Solana Seagull	40-60 yd.	14 oz.	54 in.
743630	42066-0000	Jive Sparrow	40-60 yd.	12 oz.	54 in.
743631	42066-0001	Jive Oak	40-60 yd.	12 oz.	54 in.
743632	42066-0002	Jive Stream	40-60 yd.	12 oz.	54 in.
743633	42067-0000	Voyage Sparrow	40-60 yd.	12 oz.	54 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
743634	42068-0000	Voyage Stream	40-60 yd.	12 oz.	54 in.
743635	44215-0000	Pulse Sunset	40-60 yd.	9 oz.	54 in.
743636	45837-0000	Empire Dawn	40-60 yd.	13 oz.	54 in.
743637	45837-0002	Empire Dove	40-60 yd.	13 oz.	54 in.
743640	45885-0000	Fischer Lagoon	40-60 yd.	13 oz.	54 in.
743641	45885-0001	Fischer Sunset	40-60 yd.	13 oz.	54 in.
743644	45885-0004	Fischer Graphite	40-60 yd.	13 oz.	54 in.
743646	45890-0001	Pinnacle Fiesta	40-60 yd.	13 oz.	54 in.
743648	45913-0003	Bellamy Tangelo	40-60 yd.	18 oz.	54 in.
743649	45919-0000	Kuna Sand	40-60 yd.	12 oz.	54 in.
743650	45920-0000	Aria Teak	40-60 yd.	13 oz.	54 in.
743651	45921-0004	Mod Mink	40-60 yd.	11 oz.	54 in.
743652	45922-0000	Accord Jade	40-60 yd.	12 oz.	54 in.
743653	45922-0001	Accord Koi	40-60 yd.	12 oz.	54 in.
743656	45936-0000	Accord II Crimson	40-60 yd.	12 oz.	54 in.
743662	56092-0000	Frequency Ash	40-60 yd.	7 oz.	54 in.
743663	56093-0000	Frequency Parchment	40-60 yd.	7 oz.	54 in.
743664	56094-0000	Frequency Sand	40-60 yd.	7 oz.	54 in.
743665	56095-0000	Astoria Sunset	40-60 yd.	7 oz.	54 in.
743666	56096-0000	Astoria Lagoon	40-60 yd.	7 oz.	54 in.
743667	56097-0000	Solano Dusk	40-60 yd.	9 oz.	54 in.
743668	56098-0000	Solano Fiesta	40-60 yd.	9 oz.	54 in.
743674	57004-0000	Lido Indigo	40-60 yd.	7 oz.	54 in.
743681	58001-0000	Stanton Lagoon	40-60 yd.	7 oz.	54 in.
743682	58002-0000	Stanton Greystone	40-60 yd.	7 oz.	54 in.
743683	58003-0000	Stanton Brownstone	40-60 yd.	7 oz.	54 in.
743684	7774-0000	Carousel Confetti	40-60 yd.	12 oz.	54 in.
743685	7775-0000	Carousel Limelite	40-60 yd.	12 oz.	54 in.
743686	8076-0000	Echo Midnight	40-60 yd.	9 oz.	54 in.
743687	8077-0000	Echo Teak	40-60 yd.	9 oz.	54 in.
743688	8078-0000	Echo Limelite	40-60 yd.	9 oz.	54 in.
743689	8079-0000	Echo Citron	40-60 yd.	9 oz.	54 in.
743690	8080-0000	Echo Sangria	40-60 yd.	9 oz.	54 in.
746000	56000-0000	Dolce Mango	40-60 yd.	8 oz.	54 in.
746001	56001-0000	Dolce Oasis	40-60 yd.	8 oz.	54 in.
746005	56005-0000	Weston Ginger	40-60 yd.	8 oz.	54 in.
746024	56024-0000	Harwood Cocoa	40-60 yd.	9 oz.	54 in.
746040	56040-0000	Scavo Willow	40-60 yd.	12 oz.	54 in.
746059	56059-0000	Dorsett Cherry	40-60 yd.	8 oz.	54 in.
746064	56064-0000	Steeplechase Malibu	40-60 yd.	8 oz.	54 in.
746074	56074-0000	Calvert Oak	40-60 yd.	10 oz.	54 in.
746075	56075-0000	Peyton Granite	40-60 yd.	9 oz.	54 in.
746079	56079-0000	Milano Char	40-60 yd.	8 oz.	54 in.
746080	56080-0000	Milano Cobalt	40-60 yd.	8 oz.	54 in.
746081	56081-0000	Milano Flax	40-60 yd.	8 oz.	54 in.
746083	56083-0000	Surge Sangria	40-60 yd.	9 oz.	54 in.
746084	56084-0000	Surge Cilantro	40-60 yd.	9 oz.	54 in.
746085	56085-0000	Surge Ivory	40-60 yd.	9 oz.	54 in.
746086	56086-0000	Surge Char	40-60 yd.	9 oz.	54 in.
746087	56087-0000	Milano Dawn	40-60 yd.	8 oz.	54 in.
746088	56088-0000	Catalina Tinsel	40-60 yd.	8 oz.	54 in.
746090	56090-0000	Surge Oak	40-60 yd.	9 oz.	54 in.
746091	56091-0000	Surge Maize	40-60 yd.	9 oz.	54 in.

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SUNBRELLA® 2014-2015 UPHOLSTERY COLLECTION – CANVAS

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

Sunbrella Canvas upholstery fabrics are solid fabrics, perfect for coordinating with Sunbrella patterned fabrics. Available in classic neutrals and a myriad of colors, Canvas is appropriate for upholstery for indoor and outdoor applications.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
735226	5426-0000	Canvas Capri	40-60 yd.	8 oz.	54 in.
735228	5428-0000	Canvas Glacier	40-60 yd.	8 oz.	54 in.
735229	5429-0000	Canvas Macaw	40-60 yd.	8 oz.	54 in.
735232	5432-0000	Canvas Bay Brown	40-60 yd.	8 oz.	54 in.
735240	5440-0000	Canvas Terracotta	40-60 yd.	8 oz.	54 in.
735245	5445-0000	Canvas Nutmeg	40-60 yd.	8 oz.	54 in.
735247	5447-0000	Canvas Turf	40-60 yd.	8 oz.	54 in.
735248	5448-0000	Canvas Cork	40-60 yd.	8 oz.	54 in.
735251	5451-0000	Canvas Paprika	40-60 yd.	8 oz.	54 in.
735320	5420-0000	Canvas Mineral Blue	40-60 yd.	8 oz.	54 in.
735321	5421-0000	Canvas Palm	40-60 yd.	8 oz.	54 in.
735325	5425-0000	Canvas Cocoa	40-60 yd.	8 oz.	54 in.
735401	5401-0000	Canvas Pacific Blue	40-60 yd.	8 oz.	54 in.
735402	5402-0000	Canvas Granite	40-60 yd.	8 oz.	54 in.
735403	5403-0000	Canvas Jockey Red	40-60 yd.	8 oz.	54 in.
735404	5404-0000	Canvas Natural	40-60 yd.	8 oz.	54 in.
735405	5405-0000	Canvas Parrot	40-60 yd.	8 oz.	54 in.
735406	5406-0000	Canvas Tangerine	40-60 yd.	8 oz.	54 in.
735407	5407-0000	Canvas Henna	40-60 yd.	8 oz.	54 in.
735408	5408-0000	Canvas Black	40-60 yd.	8 oz.	54 in.
735409	5409-0000	Canvas Brick	40-60 yd.	8 oz.	54 in.
735410	5410-0000	Canvas Air Blue	40-60 yd.	8 oz.	54 in.
735412	5412-0000	Canvas Maize	40-60 yd.	8 oz.	54 in.
735413	5413-0000	Canvas Spa	40-60 yd.	8 oz.	54 in.
735415	5415-0000	Canvas Melon	40-60 yd.	8 oz.	54 in.
735416	5416-0000	Canvas Aruba	40-60 yd.	8 oz.	54 in.
735417	5417-0000	Canvas Tuscan	40-60 yd.	8 oz.	54 in.
735422	5422-0000	Canvas Antique Beige	40-60 yd.	8 oz.	54 in.
735424	5424-0000	Canvas Sky Blue	40-60 yd.	8 oz.	54 in.
735436	5436-0000	Canvas Burgundy	40-60 yd.	8 oz.	54 in.
735438	5438-0000	Canvas Buttercup	40-60 yd.	8 oz.	54 in.
735439	5439-0000	Canvas Navy	40-60 yd.	8 oz.	54 in.
735446	5446-0000	Canvas Forest Green	40-60 yd.	8 oz.	54 in.
735452	5452-0000	Canvas Sapphire Blue	40-60 yd.	8 oz.	54 in.
735453	5453-0000	Canvas Canvas	40-60 yd.	8 oz.	54 in.
735456	5456-0000	Canvas Teal	40-60 yd.	8 oz.	54 in.
735457	5457-0000	Canvas Sunflower Yellow	40-60 yd.	8 oz.	54 in.
735461	5461-0000	Canvas Taupe	40-60 yd.	8 oz.	54 in.
735468	5468-0000	Canvas Camel	40-60 yd.	8 oz.	54 in.
735470	5470-0000	Canvas Walnut	40-60 yd.	8 oz.	54 in.
735471	5471-0000	Canvas Raven Black	40-60 yd.	8 oz.	54 in.
735472	5472-0000	Canvas Birds Eye	40-60 yd.	8 oz.	54 in.
735473	5473-0000	Canvas Stone Green	40-60 yd.	8 oz.	54 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
735476	5476-0000	Canvas Heather Beige	40-60 yd.	8 oz.	54 in.
735477	5477-0000	Canvas Logo Red	40-60 yd.	8 oz.	54 in.
735484	5484-0000	Canvas Brass	40-60 yd.	8 oz.	54 in.
735487	5487-0000	Canvas Fern	40-60 yd.	8 oz.	54 in.
735488	5488-0000	Canvas Teak	40-60 yd.	8 oz.	54 in.
735489	5489-0000	Canvas Coal	40-60 yd.	8 oz.	54 in.
735491	5491-0000	Canvas Dusk	40-60 yd.	8 oz.	54 in.
735492	5492-0000	Canvas Flax	40-60 yd.	8 oz.	54 in.
735498	5498-0000	Canvas Vellum	40-60 yd.	8 oz.	54 in.
735499	5499-0000	Canvas True Blue	40-60 yd.	8 oz.	54 in.
735514	5414-0000	Canvas Wheat	40-60 yd.	8 oz.	54 in.
735562	5462-0000	Canvas Hot Pink	40-60 yd.	8 oz.	54 in.
735910	54010-0000	Canvas Rust	40-60 yd.	8 oz.	54 in.
735911	54011-0000	Canvas Ginkgo	40-60 yd.	8 oz.	54 in.
735948	54048-0000	Canvas Charcoal	40-60 yd.	8 oz.	54 in.
743670	57000-0000	Canvas Blush	40-60 yd.	8 oz.	54 in.
743671	57001-0000	Canvas Chestnut	40-60 yd.	8 oz.	54 in.
743672	57002-0000	Canvas Iris	40-60 yd.	8 oz.	54 in.
743673	57003-0000	Canvas White	40-60 yd.	8 oz.	54 in.

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SUNBRELLA® 2014-2015 UPHOLSTERY COLLECTION – DUPIONE

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

Part of the upholstery collection, Dupione fabrics have a unique texture with a “Dupione” silk look.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
738610	8010-0000	Dupione Pearl	40-60 yd.	9 oz.	54 in.
738611	8011-0000	Dupione Sand	40-60 yd.	9 oz.	54 in.
738612	8012-0000	Dupione Cornsilk	40-60 yd.	9 oz.	54 in.
738613	8013-0000	Dupione Bamboo	40-60 yd.	8 oz.	54 in.
738615	8015-0000	Dupione Laurel	40-60 yd.	9 oz.	54 in.
738616	8016-0000	Dupione Galaxy	40-60 yd.	9 oz.	54 in.
738617	8017-0000	Dupione Walnut	40-60 yd.	9 oz.	54 in.
738619	8019-0000	Dupione Deep Sea	40-60 yd.	9 oz.	54 in.
738624	8024-0000	Dupione Peridot	40-60 yd.	9 oz.	54 in.
738650	8050-0000	Dupione Paradise	40-60 yd.	9 oz.	54 in.
738651	8051-0000	Dupione Crimson	40-60 yd.	9 oz.	54 in.
738652	8052-0000	Dupione Palm	40-60 yd.	9 oz.	54 in.
738653	8053-0000	Dupione Papaya	40-60 yd.	9 oz.	54 in.
738655	8069-0000	Dupione Dove	40-60 yd.	9 oz.	54 in.
738656	8056-0000	Dupione Henna	40-60 yd.	9 oz.	54 in.
738657	8057-0000	Dupione Oak	40-60 yd.	9 oz.	54 in.
738659	8059-0000	Dupione Caramel	40-60 yd.	9 oz.	54 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
738660	8060-0000	Dupione Stone	40-60 yd.	9 oz.	54 in.
738664	8064-0000	Dupione Nectarine	40-60 yd.	10 oz.	54 in.
738666	8066-0000	Dupione Latte	40-60 yd.	10 oz.	54 in.
738667	8067-0000	Dupione Celeste	40-60 yd.	10 oz.	54 in.
738668	8068-0000	Dupione Aloe	40-60 yd.	10 oz.	54 in.

Sunbrella® Upholstery Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNBRELLA® 2014-2015 UPHOLSTERY COLLECTION – LINEN

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

Also part of the upholstery collection Sunbrella linen is woven to look like traditional linen, but offers the same durability as other Sunbrella fabrics.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
738300	8300-0000	Linen Champagne	40-60 yd.	9 oz.	54 in.
738304	8304-0000	Linen Natural	40-60 yd.	9 oz.	54 in.
738309	8306-0000	Linen Chili	40-60 yd.	9 oz.	54 in.
738314	8314-0000	Linen Straw	40-60 yd.	9 oz.	54 in.
738317	8317-0000	Linen Pampas	40-60 yd.	9 oz.	54 in.
738318	8318-0000	Linen Sesame	40-60 yd.	9 oz.	54 in.
738319	8319-0000	Linen Stone	40-60 yd.	9 oz.	54 in.
738322	8322-0000	Linen Antique Beige	40-60 yd.	9 oz.	54 in.
738351	8351-0000	Linen Silver	40-60 yd.	9 oz.	54 in.
738353	8353-0000	Linen Canvas	40-60 yd.	8 oz.	54 in.
738374	8374-0000	Linen Taupe	40-60 yd.	9 oz.	54 in.

Sunbrella® Upholstery Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNBRELLA® 2014-2015 UPHOLSTERY COLLECTION – SAILCLOTH

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

Sailcloth is ideal for applications where a little extra strength is desired, but also retains the soft hand of Sunbrella upholstery fabrics. Sailcloth is available in a number of neutral colors.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
743200	32000-0000	Sailcloth Shell	40-60 yd.	12 oz.	54 in.
743202	32000-0002	Sailcloth Sand	40-60 yd.	12 oz.	54 in.
743203	32000-0003	Sailcloth Shore	40-60 yd.	12 oz.	54 in.
743205	32000-0024	Sailcloth Sisal	40-60 yd.	12 oz.	54 in.
743207	32000-0007	Sailcloth Suntan	40-60 yd.	12 oz.	54 in.
743216	32000-0016	Sailcloth Sahara	40-60 yd.	12 oz.	54 in.
743217	32000-0017	Sailcloth Sienna	40-60 yd.	12 oz.	54 in.
743218	32000-0018	Sailcloth Salt	40-60 yd.	12 oz.	54 in.
743219	32000-0019	Sailcloth Spice	40-60 yd.	12 oz.	54 in.
743223	32000-0023	Sailcloth Seagull	40-60 yd.	12 oz.	54 in.
743225	32000-0025	Sailcloth Shadow	40-60 yd.	12 oz.	54 in.
743226	32000-0026	Sailcloth Sailor	40-60 yd.	12 oz.	54 in.

Sunbrella® Upholstery Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

**SUNBRELLA® 2014-2015
UPHOLSTERY COLLECTION – SPECTRUM**

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

Spectrum is a variation of Canvas with a slight ribbed pattern, and is appropriate for both indoor and outdoor upholstery applications.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
743230	48080-0000	Spectrum Indigo	40-60 yd.	7 oz.	54 in.
743231	48081-0000	Spectrum Peacock	40-60 yd.	7 oz.	54 in.
743232	48082-0000	Spectrum Almond	40-60 yd.	7 oz.	54 in.
743233	48083-0000	Spectrum Caribou	40-60 yd.	7 oz.	54 in.
743234	48084-0000	Spectrum Sesame	40-60 yd.	7 oz.	54 in.
743235	48085-0000	Spectrum Carbon	40-60 yd.	7 oz.	54 in.
743236	48086-0000	Spectrum Denim	40-60 yd.	7 oz.	54 in.
743245	48035-0000	Spectrum Crimson	40-60 yd.	7 oz.	54 in.
743318	48018-0000	Spectrum Eggshell	40-60 yd.	7 oz.	54 in.
743319	48019-0000	Spectrum Sand	40-60 yd.	7 oz.	54 in.
743320	48020-0000	Spectrum Mist	40-60 yd.	7 oz.	54 in.
743322	48022-0000	Spectrum Cilantro	40-60 yd.	7 oz.	54 in.
743323	48023-0000	Spectrum Kiwi	40-60 yd.	7 oz.	54 in.
743324	48024-0000	Spectrum Daffodil	40-60 yd.	7 oz.	54 in.
743326	48026-0000	Spectrum Cayenne	40-60 yd.	7 oz.	54 in.
743327	48027-0000	Spectrum Grenadine	40-60 yd.	7 oz.	54 in.
743328	48028-0000	Spectrum Sierra	40-60 yd.	7 oz.	54 in.
743329	48029-0000	Spectrum Coffee	40-60 yd.	7 oz.	54 in.
743330	48030-0000	Spectrum Graphite	40-60 yd.	7 oz.	54 in.
743331	48031-0000	Spectrum Mushroom	40-60 yd.	7 oz.	54 in.
743332	48032-0000	Spectrum Dove	40-60 yd.	7 oz.	54 in.

Sunbrella® Upholstery Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

**SUNBRELLA® 2014-2015
UPHOLSTERY COLLECTION – RIB**

Sunbrella upholstery fabrics make any space look stunning, with the strength to stand up to the elements and everyday use. Perfect for both indoor and outdoor applications, Sunbrella upholstery is water repellent, bleach cleanable and fade resistant, yet incredibly soft to the touch.

With a large selection of solids, patterns, textures and jacquards, the possibilities are endless. Coordinate upholstery fabric with awnings, umbrellas, drapery, and more.

Sunbrella Rib fabrics are specifically designed to withstand the rigors of sling furniture use. The added polyester yarns give the fabric its needed strength.

FABRIC	57% Polyester, 43% Sunbrella Acrylic
FINISH	Water, Soil and Stain Repellent
FR STANDARDS MET	California Technical Bulletin 117; UFAC
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
732561	7761-0000	Taupe/Antique Beige Rib	45 yd.	13 oz.	54 in.
737704	7704-0000	Natural Rib	45 yd.	13 oz.	54 in.

Sunbrella® Rib Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® 2014-2016 ICON COLLECTION

Sunbrella was born of a passionate pursuit for durability, combined with a defining style that elevates above the taste trends of the day. This collection draws inspiration from our archives, reflecting the enduring energy and optimism of the 1960s and 1970s. The spirit of the styles featured the inaugural Sunbrella collection of 1961 and a 1970s apparel knit collection combine timeless style with legendary performance.

The collection includes vintage stripes and solid plain weaves, as well as muted tones of the 60s and vibrant pops of color of the 70s. As a whole, the Icon Collection represents the unique heritage of timeless design, a perfect match for today's indoor and outdoor furniture.

FABRIC	100% Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
735805	58005-0000	Mode Seaside	40-60 yd.	54 in.
735806	58006-0000	Mode Lakeside	40-60 yd.	54 in.
735807	58007-0000	Traveler Lakeside	40-60 yd.	54 in.
735808	58008-0000	Scout Clay	40-60 yd.	54 in.
735809	58009-0000	Icon Mystique	40-60 yd.	54 in.
735810	58010-0000	Icon Pop	40-60 yd.	54 in.
735811	58011-0000	Pioneer Sunrise	40-60 yd.	54 in.
735812	58012-0000	Volt Berry	40-60 yd.	54 in.
735813	58013-0000	Volt Cherry	40-60 yd.	54 in.
735814	58014-0000	Volt Emerald	40-60 yd.	54 in.
735815	58015-0000	Volt Fuschia	40-60 yd.	54 in.
735816	58016-0000	Volt Galaxy	40-60 yd.	54 in.
735817	58017-0000	Volt Glow	40-60 yd.	54 in.
735818	58018-0000	Volt Sand	40-60 yd.	54 in.
735819	58019-0000	Volt Sequoia	40-60 yd.	54 in.
735820	58020-0000	Volt Silver	40-60 yd.	54 in.
735821	58021-0000	Volt Spark	40-60 yd.	54 in.
735822	58022-0000	Volt Sulfur	40-60 yd.	54 in.
735823	58023-0000	Hifi Glow	40-60 yd.	54 in.
735824	58024-0000	Decade Pewter	40-60 yd.	54 in.
735825	58005-0000	Decade Sand	40-60 yd.	54 in.

Sunbrella® Upholstery Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® HERITAGE

Building on our reputation for sustainable, high performance fabric solutions, we introduce Heritage – a Sunbrella upholstery fabric featuring 50% recycled content. With a homespun look and extensive color palette, the fabric is an expansion of our existing Sunbrella Renaissance Collection of recycled products. Heritage is a blend of post-industrial recycled Sunbrella and Sunbrella virgin fiber that helps ensure that the product meets stringent Sunbrella performance standards. Because Heritage is made with 50% recycled content, there can be variations in color from lot to lot and even within a master roll. Slub yarns and fiber variations are part of the design of this product. There is a greater degree of variation in this product line than in others with blended fibers and slub yarns.

FABRIC	50% Sunbrella Acrylic / 50% Recycled Sunbrella Acrylic
FINISH	Soil, Stain and Water Repellent Finish
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) – Class 1
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
735280	18000-0000	Heritage Alpaca	40-60 yd.	11 oz.	54 in.
735281	18001-0000	Heritage Ashe	40-60 yd.	11 oz.	54 in.
735282	18003-0000	Heritage Garnet	40-60 yd.	11 oz.	54 in.
735283	18004-0000	Heritage Granite	40-60 yd.	11 oz.	54 in.
735284	18005-0000	Heritage Mink	40-60 yd.	11 oz.	54 in.
735285	18006-0000	Heritage Papyrus	40-60 yd.	11 oz.	54 in.
735286	18007-0000	Heritage Pumpkin	40-60 yd.	11 oz.	54 in.
735287	18008-0000	Heritage Wheat	40-60 yd.	11 oz.	54 in.
735288	18009-0000	Heritage Char	40-60 yd.	11 oz.	54 in.
735289	18010-0000	Heritage Denim	40-60 yd.	11 oz.	54 in.
735290	18011-0000	Heritage Leaf	40-60 yd.	11 oz.	54 in.
735291	18012-0000	Heritage Moss	40-60 yd.	11 oz.	54 in.

Sunbrella® Heritage Fabric is not treated for water or mildew resistance and is not recommended for uses other than casual furniture and cushions. Any other use of this material will void the guarantee.

Sunbrella® is a registered trademark of Glen Raven, Inc.

ELITE 123 CUSHION LINER

A dimensionally stable, non-woven for use as a highly water repellent cushion liner in deep seating applications.

FABRIC	Polyester			
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
980112	White	25 yd.	5 oz.	42 in.



PHIFERTEX® JACQUARDS

Phifertex Jacquard is a 100% PVC fabric designed for use in sling applications. These fabrics are durable, antimicrobial, stain-resistant and fade-resistant, and can be woven into a number of combinations of colors and patterns.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC	PUT UP	WEIGHT	WIDTH
			COUNT			
997205	Z44	Wild Orchid Black	42 x 14	60 yd.	13.7 oz.	54 in.
997271	C03	Straw Mat/Cognac	42 x 14	60 yd.	17 oz.	54 in.
997400	NH2	Fantasy Flow Asher	42 x 14	60 yd.	17 oz.	54 in.
997401	YEA	Greek Key Lattice	42 x 14	60 yd.	17 oz.	54 in.
997403	GMO	Laurel	42 x 14	60 yd.	17 oz.	54 in.
997407	969	Sumba/Mocha	42 x 14	60 yd.	17 oz.	54 in.
997412	OAG	Tropic Foliage	42 x 14	60 yd.	17 oz.	54 in.
997414	DW4	Sumba Aloe	42 x 14	60 yd.	16 oz.	54 in.
997416	00U	Caribbean Palm	42 x 14	60 yd.	17 oz.	54 in.
997417	DW7	Burmese Sea Mist	42 x 14	60 yd.	16 oz.	54 in.
997419	NB8	Sumba Java	42 x 14	60 yd.	16 oz.	54 in.
997420	NB9	Seagrass Ash	42 x 14	60 yd.	16 oz.	54 in.
997421	NC1	Burmese Java	42 x 14	60 yd.	16 oz.	54 in.
997422	YCB	Dazzle Driftwood	42 x 14	60 yd.	16 oz.	54 in.
997429	GYO	Aquafino	42 x 14	60 yd.	17 oz.	54 in.
997433	KG3	Santiago Stripe	42 x 14	60 yd.	17 oz.	54 in.
997441	L09	Windsor Stripe Spa	42 x 14	60 yd.	17 oz.	54 in.
997464	XUP	Metallica Platinum	42 x 14	60 yd.	17 oz.	54 in.
997469	EM7	Island Palms Sadat	42 x 14	60 yd.	17 oz.	54 in.
997480	OEN	Shantung White	42 x 20	60 yd.	17.6 oz.	54 in.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



PHIFERTEX® OLEFIN/PVC BLEND

Suitable for both sling and cushion furniture applications, Phifertex Olefin/PVC blend fabric combines the durability of vinyl-coated polyester yarns with the softness of acrylic yarns. These fabrics are durable, antimicrobial, stain-resistant and fade-resistant, and can be woven into a number of combinations of colors and patterns.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

FABRIC	Vinyl Encapsulated Polyester/Olefin Blend Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC	PUT UP	WEIGHT	WIDTH	
			COUNT				
997304	DT5	Weston Heather	42 x 24	60 yd.	13.6 oz.	54 in.	
997305	XXS	Weston Charcoal	42 x 24	60 yd.	13.6 oz.	54 in.	
997317	NB6	Hayden Hickory	42 x 24	60 yd.	13.6 oz.	54 in.	
997318	NC3	Crystal Linen Java	42 x 14	60 yd.	8.96 oz.	54 in.	
997319	NC4	Crystal Linen Ash	42 x 24	60 yd.	13.9 oz.	54 in.	
997320	YCA	Milano Haze	42 x 24	60 yd.	13.9 oz.	54 in.	
997375	BJ3	Raffia Natural	42 x 22	60 yd.	16.1 oz.	54 in.	
997376	BJ4	Chambray Stripe	42 x 24	60 yd.	13.6 oz.	54 in.	
997381	BS8	Natural Brush Forest Abbey	42 x 24	60 yd.	13.6 oz.	54 in.	
997387	XHX	Natural Brush Forest Pebble	42 x 24	60 yd.	13.6 oz.	54 in.	
997388	BR9	China Brush	42 x 24	60 yd.	13.6 oz.	54 in.	
997391	DK4	Crystal Linen Copper Cement	42 x 24	60 yd.	13.6 oz.	54 in.	
997449	EH5	Crystal Linen Spice	42 x 24	60 yd.	13.6 oz.	54 in.	
997450	KW4	Patina Red	42 x 24	60 yd.	13.6 oz.	54 in.	
997451	LBW	Patina Seashore	42 x 24	60 yd.	13.6 oz.	54 in.	
997452	NG9	Patina Stone	42 x 24	60 yd.	13.6 oz.	54 in.	
997453	NH1	Kipton Suede	42 x 24	60 yd.	13.6 oz.	54 in.	
997457	KQ4	Island Stripe Sienna	42 x 24	60 yd.	13.6 oz.	54 in.	
997458	DZ7	Laird Willow	42 x 24	60 yd.	13.6 oz.	54 in.	
997459	DZ8	Laird Sage	42 x 24	60 yd.	13.6 oz.	54 in.	
997653	EY3	Mingle Pecan	42 x 24	60 yd.	13.6 oz.	54 in.	
997655	EY4	Raffia Pecan	42 x 24	60 yd.	13.6 oz.	54 in.	
997656	XZZ	Double Cross Limestone	42 x 24	60 yd.	13.6 oz.	54 in.	

PHIFERTEX®

Phifertex is ideal for lawn and patio furniture, umbrellas, office furniture, orthopedic equipment, upholstery, safety vests, and unique heat-filtering awnings.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC	PUT UP	WEIGHT	WIDTH	
			COUNT				
997136	A40	Spice	17 x 11	60 yd.	11.7 oz.	54 in.	
997141	G00	Royal Blue	17 x 11	60 yd.	11.7 oz.	54 in.	
997142	000	White	17 x 11	60 yd.	11.7 oz.	54 in.	
997143	406	Yellow	17 x 11	60 yd.	11.7 oz.	54 in.	
997145	186	Almond	17 x 11	60 yd.	11.7 oz.	54 in.	
997146	412	Orange	17 x 11	60 yd.	11.7 oz.	54 in.	
997147	G01	Navy	17 x 11	60 yd.	11.7 oz.	54 in.	
997148	800	Brown	17 x 11	60 yd.	11.7 oz.	54 in.	
997149	812	Camel	17 x 11	60 yd.	11.7 oz.	54 in.	
997150	X11	Ash Gray	17 x 11	60 yd.	11.7 oz.	54 in.	
997152	X04	Black	17 x 11	60 yd.	11.7 oz.	54 in.	
997171	C09	Spruce	17 x 11	60 yd.	11.7 oz.	54 in.	
997173	M96	Red	17 x 11	60 yd.	11.7 oz.	54 in.	
997235	X00	Gray Sand	17 x 11	60 yd.	11.7 oz.	54 in.	

997173 - Trivantage® makes no claim as to the colorfastness of M96 Red. Customer should determine suitability of fabric to needs.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Trivantage® is a registered trademark of Glen Raven, Inc.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

PHIFERTEX® PLUS

Designed especially for sling and umbrella applications.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997108	X00	Grey Sand	42 x 12	60 yd.	16.5 oz.	54 in.
997121	000	White	42 x 12	60 yd.	16.5 oz.	54 in.
997122	CL1	Holly Green	42 x 12	60 yd.	16.5 oz.	54 in.
997123	406	Yellow	42 x 12	60 yd.	16.5 oz.	54 in.
997124	GP5	Navy Pier	42 x 12	60 yd.	16.5 oz.	54 in.
997125	G00	Royal Blue	42 x 12	60 yd.	16.5 oz.	54 in.
997129	OY3	Stucco	42 x 12	60 yd.	16.5 oz.	54 in.
997288	KF4	Snappy	42 x 12	60 yd.	16.5 oz.	54 in.
997289	DB6	Garden Green	42 x 12	60 yd.	16.5 oz.	54 in.
997295	KG4	Salsa	42 x 12	60 yd.	16.5 oz.	54 in.
997298	X04	Black	42 x 12	60 yd.	16.5 oz.	54 in.
997299	BH4	Burlap	42 x 12	60 yd.	16.5 oz.	54 in.
997300	OHK	Metallica Reveire White	42 x 14	60 yd.	16.5 oz.	54 in.
997301	LBY	Straw Mat Blue	42 x 14	60 yd.	16.5 oz.	54 in.
997302	KK3	Metallica Salsa	42 x 12	60 yd.	16.5 oz.	54 in.
997314	XXG	Metallica Smoke	42 x 14	60 yd.	16.5 oz.	54 in.
997315	KT1	Dupione Spice	42 x 14	60 yd.	16.5 oz.	54 in.
997316	L96	Dupione Sapphire	42 x 14	60 yd.	16.5 oz.	54 in.
997555	L37	Dupione Poolside	42 x 12	60 yd.	16.5 oz.	54 in.
997557	DJ7	Dupione Kiwi	42 x 12	60 yd.	16.5 oz.	54 in.

Phifertex® is a registered trademark of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

PHIFERTEX® STRIPES

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997137	687	Charisma Citrus	42 x 14	60 yd.	16.5 oz.	54 in.
997138	DW3	Sumi Sea Mist	42 x 14	60 yd.	16.5 oz.	54 in.
997139	LAN	Leena Indigo	42 x 14	60 yd.	16.5 oz.	54 in.
997466	XUQ	Skyline Stripe Verde	42 x 14	60 yd.	16.5 oz.	54 in.
997468	XUM	Coastline Peacock	42 x 14	60 yd.	16.5 oz.	54 in.
997550	L38	Delray Stripe Poolside	42 x 14	60 yd.	16.5 oz.	54 in.

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997551	DJ6	Delray Stripe Kiwi	42 x 14	60 yd.	16.5 oz.	54 in.
997552	DJ5	Delray Stripe Conch	42 x 14	60 yd.	16.5 oz.	54 in.
997613	EY0	Pulse Kiwi	42 x 14	60 yd.	16.5 oz.	54 in.
997614	EY1	Pulse Dahlia	42 x 14	60 yd.	16.5 oz.	54 in.
997616	YAC	Tempo Stone	42 x 14	60 yd.	16.5 oz.	54 in.
997617	LBX	Winsted Stripe Beach	42 x 14	60 yd.	16.5 oz.	54 in.
997618	NH3	Whatley Dune	42 x 14	60 yd.	16.5 oz.	54 in.
997619	NH4	Martindale Pewter	42 x 14	60 yd.	16.5 oz.	54 in.

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PHIFERTEX® CANE WAFFLE WICKER COLLECTION

Phifertex is ideal for lawn and patio furniture, umbrellas, office furniture, orthopedic equipment, upholstery, safety vests, and unique heat-filtering awnings.

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FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997543	EC1	Coral Topaz	25 x 25	60 yd.	20.8 oz.	54 in.

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PHIFERTEX® CANE WICKER COLLECTION

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FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
997501	AD7	Desert	25 x 25	60 yd.	22 oz.	54 in.
997508	CX3	Balsa	25 x 25	60 yd.	22 oz.	54 in.
997510	CX2	Aluminum	25 x 25	60 yd.	22 oz.	54 in.
997514	AKO	Sisal/Tungsten	25 x 25	60 yd.	22 oz.	54 in.
997518	OOV	Sisal/Aluminum	25 x 25	60 yd.	22 oz.	54 in.
997521	DB2	Verde	25 x 25	60 yd.	22 oz.	54 in.
997522	AB9	Paja	25 x 25	60 yd.	22 oz.	54 in.
997523	DB1	Turquesa	25 x 25	60 yd.	22 oz.	54 in.
997524	AB8	Natural	25 x 25	60 yd.	22 oz.	54 in.
997525	XFG	Plata	25 x 25	60 yd.	22 oz.	54 in.
997529	DW5	Cortez Thyme	25 x 25	60 yd.	21 oz.	54 in.
997530	DW6	Reflection Seaglass	25 x 25	60 yd.	20.7 oz.	54 in.
997531	NC2	Cortez Clay	25 x 25	60 yd.	21 oz.	54 in.
997532	YCC	Saddle Stitch	22 x 18	60 yd.	17.6 oz.	54 in.
997533	YCD	Reflection Taupe	25 x 25	60 yd.	20.7 oz.	54 in.
997537	BS2	Diamond Cut Amber	25 x 25	60 yd.	22 oz.	54 in.
997540	BT3	Double Dipper	25 x 25	60 yd.	22 oz.	54 in.
997580	EH4	Cordoba Copper	22 x 20	60 yd.	18 oz.	54 in.
997581	XSX	Cordoba Ninja	22 x 20	60 yd.	18 oz.	54 in.
997583	EH3	Bellingrath	25 x 20	60 yd.	19 oz.	54 in.
997585	EH6	Echo Valley Sadat	25 x 25	60 yd.	22 oz.	54 in.
997590	KP4	Terrance Sienna	22 x 22	60 yd.	18.8 oz.	54 in.
997591	XUN	Luna Straw	22 x 22	60 yd.	18 oz.	54 in.
997592	ET2	Napa Brindle	22 x 22	60 yd.	18 oz.	54 in.
997593	DT6	Luna Silver Sage	22 x 22	60 yd.	18 oz.	54 in.

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
997594	OFE	Cane Oyster	25 x 25	60 yd.	18 oz.	54 in.
997595	DR6	Veranda Basil	25 x 20	60 yd.	19 oz.	54 in.
997596	EM9	Veranda Nutmeg	25 x 20	60 yd.	19 oz.	54 in.
997700	OGA	Watercolor Tweed Oyster	22 x 22	60 yd.	18 oz.	54 in.
997701	EX7	Watercolor Tweed Moth	22 x 22	60 yd.	18 oz.	54 in.
997702	EX8	Watercolor Tweed Mocha	22 x 22	60 yd.	18 oz.	54 in.
997704	EY6	Rivercane Spice	25 x 25	60 yd.	22 oz.	54 in.
997706	XZT	Shelburne Taupe	25 x 22	60 yd.	20 oz.	54 in.
997707	XZY	Kamali Limestone	25 x 20	60 yd.	19 oz.	54 in.
997710	KV6	Pritchard Ember	25 x 25	60 yd.	22 oz.	54 in.
997711	LBL	Cortez Navy	25 x 25	60 yd.	22 oz.	54 in.
997712	LBZ	Clarity Blue	25 x 25	60 yd.	22 oz.	54 in.
997713	NG2	Cortez Earth	25 x 25	60 yd.	22 oz.	54 in.
997714	NG3	Montego	25 x 20	60 yd.	19 oz.	54 in.
997715	NG4	Lanigan	25 x 20	60 yd.	19 oz.	54 in.
997716	NG5	Watercolor Tweed Glow	25 x 25	60 yd.	22 oz.	54 in.
997717	NG6	Tiki Butter	25 x 20	60 yd.	19 oz.	54 in.
997718	NG7	Tiki Glow	25 x 20	60 yd.	19 oz.	54 in.
997719	NG8	Watercolor Tweed Pearly	25 x 25	60 yd.	22 oz.	54 in.
997720	NH5	Clarity Pearl	25 x 25	60 yd.	22 oz.	54 in.
997721	NH6	Clarity Sea Fog	25 x 25	60 yd.	22 oz.	54 in.

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PHIFERTEX® NOVELTY COLLECTION

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FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
997246	CN0	Grasscloth Natural	30 x 14	60 yd.	11.7 oz.	54 in.
997251	GP8	Valencia/Blue	30 x 14	60 yd.	11.7 oz.	54 in.
997283	EH2	Grasscloth Bronze	30 x 14	60 yd.	11.7 oz.	54 in.

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SUNBRELLA® AWNING/MARINE SOLIDS 46 IN.

A favorite for awning and marine use, Sunbrella fabric offers excellent fade and weather resistance. The fabric is water repellent, yet is also soft and easy to work with. A wide selection of colors and patterns are available to choose from, and also coordinate with Sunbrella upholstery fabrics. Sunbrella makes it easy to create beautiful designs that outperform the elements.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874532	4632-0000	Ivy	65 yd.	9.25 oz.	46 in.
874561	4661-0000	Crest Denim	65 yd.	9.25 oz.	46 in.
874600	4600-0000	Erin Green	65 yd.	9.25 oz.	46 in.
874601	4601-0000	Pacific Blue	65 yd.	9.25 oz.	46 in.
874602	4602-0000	Sunflower Yellow	65 yd.	9.25 oz.	46 in.
874603	4603-0000	Jockey Red	65 yd.	9.25 oz.	46 in.
874604	4604-0000	Natural	65 yd.	9.25 oz.	46 in.
874605	4605-0000	Hemlock Tweed	65 yd.	9.25 oz.	46 in.
874606	4606-0000	Dubonnet Tweed	65 yd.	9.25 oz.	46 in.
874607	4607-0000	Charcoal Tweed	65 yd.	9.25 oz.	46 in.
874608	4608-0000	Black	65 yd.	9.25 oz.	46 in.
874609	4609-0000	Orange	65 yd.	9.25 oz.	46 in.
874610	4610-0000	Turquoise	65 yd.	9.25 oz.	46 in.
874612	4612-0000	Aruba	65 yd.	9.25 oz.	46 in.
874614	4614-0000	Tan	65 yd.	9.25 oz.	46 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
874615	4615-0000	Smoke	65 yd.	9.25 oz.	46 in.
874616	4616-0000	Mocha Tweed	65 yd.	9.25 oz.	46 in.
874617	4617-0000	Royal Blue Tweed	65 yd.	9.25 oz.	46 in.
874618	4618-0000	Walnut Brown Tweed	65 yd.	9.25 oz.	46 in.
874620	4620-0000	Beige	65 yd.	9.25 oz.	46 in.
874621	4621-0000	True Brown	65 yd.	9.25 oz.	46 in.
874622	4622-0000	Terracotta	65 yd.	9.25 oz.	46 in.
874623	4623-0000	Aquamarine	65 yd.	9.25 oz.	46 in.
874624	4624-0000	Sky Blue	65 yd.	9.25 oz.	46 in.
874626	4626-0000	Navy	65 yd.	9.25 oz.	46 in.
874628	4628-0000	Toast	65 yd.	9.25 oz.	46 in.
874630	4630-0000	Cadet Grey	65 yd.	9.25 oz.	46 in.
874631	4631-0000	Burgundy	65 yd.	9.25 oz.	46 in.
874633	4633-0000	Linen	65 yd.	9.25 oz.	46 in.
874635	4635-0000	Buttercup	65 yd.	9.25 oz.	46 in.
874637	4637-0000	Forest Green	65 yd.	9.25 oz.	46 in.
874640	4640-0000	Black Cherry	65 yd.	9.25 oz.	46 in.
874641	4641-0000	Sapphire Blue	65 yd.	9.25 oz.	46 in.
874642	4642-0000	Oyster	65 yd.	9.25 oz.	46 in.
874643	4643-0000	Persian Green	65 yd.	9.25 oz.	46 in.
874644	4644-0000	Charcoal Grey	65 yd.	9.25 oz.	46 in.
874645	4645-0000	Seagrass Green	65 yd.	9.25 oz.	46 in.
874646	4646-0000	Captain Navy	65 yd.	9.25 oz.	46 in.
874648	4648-0000	Taupe	65 yd.	9.25 oz.	46 in.
874651	4651-0000	Silver	65 yd.	9.25 oz.	46 in.
874652	4652-0000	Mediterranean Blue	65 yd.	9.25 oz.	46 in.
874653	4653-0000	Mediterranean Blue Tweed	65 yd.	9.25 oz.	46 in.
874654	4654-0000	Linen Tweed	65 yd.	9.25 oz.	46 in.
874655	4655-0000	Alpine	65 yd.	9.25 oz.	46 in.
874658	4658-0000	Tresco Brass	65 yd.	9.25 oz.	46 in.
874660	4660-0000	Crest Birch	65 yd.	9.25 oz.	46 in.
874662	4662-0000	Crest Ash	65 yd.	9.25 oz.	46 in.
874663	4663-0000	Hyacinth	65 yd.	9.25 oz.	46 in.
874664	4664-0000	Sea	65 yd.	9.25 oz.	46 in.
874665	4665-0000	Concord	65 yd.	9.25 oz.	46 in.
874666	4666-0000	Logo Red	65 yd.	9.25 oz.	46 in.
874667	4667-0000	Mahogany	65 yd.	9.25 oz.	46 in.
874668	4668-0000	Aspen	65 yd.	9.25 oz.	46 in.
874671	4671-0000	Fern	65 yd.	9.25 oz.	46 in.
874672	4672-0000	Heather Beige	65 yd.	9.25 oz.	46 in.
874673	4673-0000	Spa	65 yd.	9.25 oz.	46 in.
874674	4674-0000	Wheat	65 yd.	9.25 oz.	46 in.
874675	4675-0000	Capri	65 yd.	9.25 oz.	46 in.
874676	4676-0000	Cocoa	65 yd.	9.25 oz.	46 in.
874677	4677-0000	Tuscan	65 yd.	9.25 oz.	46 in.
874678	4678-0000	Marine Blue	65 yd.	9.25 oz.	46 in.
874679	4679-0000	Ocean Blue	65 yd.	9.25 oz.	46 in.
874683	4683-0000	Parchment	65 yd.	9.25 oz.	46 in.
874684	4684-0000	Slate	65 yd.	9.25 oz.	46 in.
874685	4685-0000	Ginkgo	65 yd.	9.25 oz.	46 in.
874686	4686-0000	Nutmeg	65 yd.	9.25 oz.	46 in.
874688	4688-0000	Basil	65 yd.	9.25 oz.	46 in.
874689	4689-0000	Rust	65 yd.	9.25 oz.	46 in.
874695	4695-0000	Tresco Linen	65 yd.	9.25 oz.	46 in.
874696	4696-0000	Tresco Birch	65 yd.	9.25 oz.	46 in.
874697	4697-0000	Tresco Ginger	65 yd.	9.25 oz.	46 in.
874698	4698-0000	Tresco Clay	65 yd.	9.25 oz.	46 in.
874699	4699-0000	Tresco Brick	65 yd.	9.25 oz.	46 in.
874858	4858-0000	Silica Barley	65 yd.	9.25 oz.	46 in.
874859	4859-0000	Silica Dune	65 yd.	9.25 oz.	46 in.
874860	4860-0000	Silica Sesame	65 yd.	9.25 oz.	46 in.
874861	4861-0000	Silica Stone	65 yd.	9.25 oz.	46 in.
874862	4862-0000	Silica Silver	65 yd.	9.25 oz.	46 in.
874896	4896-0000	Silica Sage	65 yd.	9.25 oz.	46 in.
874897	4897-0000	Silica Charcoal	65 yd.	9.25 oz.	46 in.
875700	4700-0000	Mix Redwood	65 yd.	9.25 oz.	46 in.
875701	4701-0000	Mix Emerald	65 yd.	9.25 oz.	46 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® AWNING/MARINE SOLIDS 60 IN.

A favorite for awning and marine use, Sunbrella fabric offers excellent fade and weather resistance. The fabric is water repellent, yet is also soft and easy to work with. A wide selection of colors and patterns are available to choose from, and also coordinate with Sunbrella upholstery fabrics. Sunbrella makes it easy to create beautiful designs that outperform the elements.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
721739	2079-0000	Royal Navy	60 yd.	9.25 oz.	60 in.
721741	6009-0000	Orange	60 yd.	9.25 oz.	60 in.
721742	6014-0000	Tan	60 yd.	9.25 oz.	60 in.
721743	6016-0000	Mocha Tweed	60 yd.	9.25 oz.	60 in.
721744	6022-0000	Terracotta	60 yd.	9.25 oz.	60 in.
721745	6000-0000	Erin Green	60 yd.	9.25 oz.	60 in.
721746	6002-0000	Sunflower Yellow	60 yd.	9.25 oz.	60 in.
721747	6007-0000	Charcoal Tweed	60 yd.	9.25 oz.	60 in.
721748	6010-0000	Turquoise	60 yd.	9.25 oz.	60 in.
721750	6001-0000	Pacific Blue	60 yd.	9.25 oz.	60 in.
721751	6003-0000	Jockey Red	60 yd.	9.25 oz.	60 in.
721752	6004-0000	Natural	60 yd.	9.25 oz.	60 in.
721753	6005-0000	Hemlock Tweed	60 yd.	9.25 oz.	60 in.
721754	6006-0000	Dubonnet Tweed	60 yd.	9.25 oz.	60 in.
721755	6008-0000	Black	60 yd.	9.25 oz.	60 in.

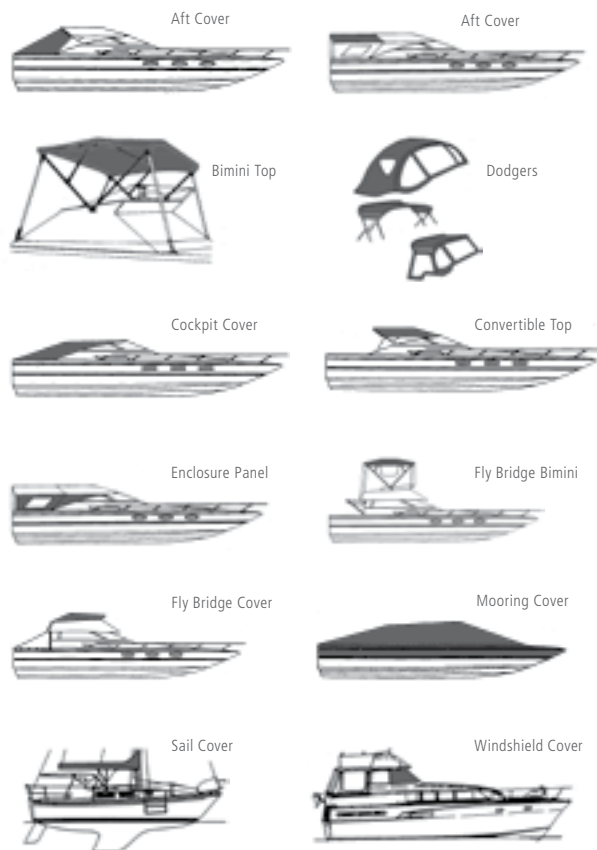
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
721757	6017-0000	Royal Blue Tweed	60 yd.	9.25 oz.	60 in.
721758	6018-0000	Walnut Brown Tweed	60 yd.	9.25 oz.	60 in.
721759	6021-0000	True Brown	60 yd.	9.25 oz.	60 in.
721760	6023-0000	Aquamarine	60 yd.	9.25 oz.	60 in.
721761	6024-0000	Sky Blue	60 yd.	9.25 oz.	60 in.
721762	6026-0000	Navy	60 yd.	9.25 oz.	60 in.
721763	6028-0000	Toast	60 yd.	9.25 oz.	60 in.
721764	6030-0000	Cadet Grey	60 yd.	9.25 oz.	60 in.
721765	6031-0000	Burgundy	60 yd.	9.25 oz.	60 in.
721766	6012-0000	Aruba	60 yd.	9.25 oz.	60 in.
721767	6033-0000	Linen	60 yd.	9.25 oz.	60 in.
721768	6027-0000	Salmon	60 yd.	9.25 oz.	60 in.
721770	6035-0000	Buttercup	60 yd.	9.25 oz.	60 in.
721771	6037-0000	Forest Green	60 yd.	9.25 oz.	60 in.
721774	6040-0000	Black Cherry	60 yd.	9.25 oz.	60 in.
721775	6041-0000	Sapphire Blue	60 yd.	9.25 oz.	60 in.
721776	6042-0000	Oyster	60 yd.	9.25 oz.	60 in.
721777	6043-0000	Persian Green	60 yd.	9.25 oz.	60 in.
721778	6044-0000	Charcoal Grey	60 yd.	9.25 oz.	60 in.
721779	6045-0000	Seagrass Green	60 yd.	9.25 oz.	60 in.
721780	6046-0000	Captain Navy	60 yd.	9.25 oz.	60 in.
721782	6048-0000	Taupe	60 yd.	9.25 oz.	60 in.
721784	6050-0000	Teal Tweed	60 yd.	9.25 oz.	60 in.
721785	6051-0000	Silver	60 yd.	9.25 oz.	60 in.
721786	6052-0000	Mediterranean Blue	60 yd.	9.25 oz.	60 in.
721787	6053-0000	Mediterranean Blue Tweed	60 yd.	9.25 oz.	60 in.
721788	6054-0000	Linen Tweed	60 yd.	9.25 oz.	60 in.
721789	6055-0000	Alpine	60 yd.	9.25 oz.	60 in.
721790	6020-0000	Beige	60 yd.	9.25 oz.	60 in.
721795	6058-0000	Tresco Brass	60 yd.	9.25 oz.	60 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
721799	6065-0000	Concord	60 yd.	9.25 oz.	60 in.
721800	6066-0000	Logo Red	60 yd.	9.25 oz.	60 in.
721801	6067-0000	Mahogany	60 yd.	9.25 oz.	60 in.
721802	6068-0000	Aspen	60 yd.	9.25 oz.	60 in.
721805	6071-0000	Fern	60 yd.	9.25 oz.	60 in.
721806	6072-0000	Heather Beige	60 yd.	9.25 oz.	60 in.
721807	6073-0000	Spa	60 yd.	9.25 oz.	60 in.
721808	6074-0000	Wheat	60 yd.	9.25 oz.	60 in.
721809	6075-0000	Capri	60 yd.	9.25 oz.	60 in.
721810	6076-0000	Cocoa	60 yd.	9.25 oz.	60 in.
721811	6077-0000	Tuscan	60 yd.	9.25 oz.	60 in.
721812	6078-0000	Marine Blue	60 yd.	9.25 oz.	60 in.
721813	6079-0000	Ocean Blue	60 yd.	9.25 oz.	60 in.
721814	6094-0000	Tresco Indigo	60 yd.	9.25 oz.	60 in.
721815	6015-0000	Smoke	60 yd.	9.25 oz.	60 in.
721817	6083-0000	Parchment	60 yd.	9.25 oz.	60 in.
721818	6084-0000	Slate	60 yd.	9.25 oz.	60 in.
721821	6085-0000	Ginkgo	60 yd.	9.25 oz.	60 in.
721822	6086-0000	Nutmeg	60 yd.	9.25 oz.	60 in.
721823	6087-0000	Mineral Blue	60 yd.	9.25 oz.	60 in.
721824	6088-0000	Basil	60 yd.	9.25 oz.	60 in.
721825	6089-0000	Rust	60 yd.	9.25 oz.	60 in.
721826	6095-0000	Tresco Linen	60 yd.	9.25 oz.	60 in.
721827	6096-0000	Tresco Birch	60 yd.	9.25 oz.	60 in.
721828	6097-0000	Tresco Ginger	60 yd.	9.25 oz.	60 in.
721829	6098-0000	Tresco Clay	60 yd.	9.25 oz.	60 in.
721830	6099-0000	Tresco Brick	60 yd.	9.25 oz.	60 in.
721832	6032-0000	Ivy	60 yd.	9.25 oz.	60 in.
721872	2389-0000	Toast Tweed	60 yd.	9.25 oz.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

STANDARD MARINE STYLES

(Courtesy of The Marine Fabricators Association)



Standard Marine Styles

(Courtesy of The Marine Fabricators Association)

SUNBRELLA® AWNING/MARINE SOLIDS 80 IN.

A favorite for awning and marine use, Sunbrella fabric offers excellent fade and weather resistance. The fabric is water repellent, yet is also soft and easy to work with. A wide selection of colors and patterns are available to choose from, and also coordinate with Sunbrella upholstery fabrics. Sunbrella makes it easy to create beautiful designs that outperform the elements.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
722301	80001-0000	Pacific Blue	50 yd.	9.25 oz.	80 in.
722308	80008-0000	Black	50 yd.	9.25 oz.	80 in.
722328	80028-0000	Toast	50 yd.	9.25 oz.	80 in.
722330	80030-0000	Cadet Grey	50 yd.	9.25 oz.	80 in.
722331	80031-0000	Burgundy	50 yd.	9.25 oz.	80 in.
722337	80037-0000	Forest Green	50 yd.	9.25 oz.	80 in.
722346	80046-0000	Captain Navy	50 yd.	9.25 oz.	80 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® PLUS 60 IN.

Sunbrella Plus is a traditional Sunbrella awning and marine fabric with a durable polyurethane undercoating for superior water resistance. Sunbrella Plus uses standard Sunbrella colors for easy color coordination and is ideal wherever water resistance is essential.

FABRIC	100% Sunbrella Acrylic
FINISH	Face- Fluorocarbon, Back- Polyurethane
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
728401	8401-0000	Pacific Blue	60 yd.	10 oz.	60 in.
728403	8403-0000	Jockey Red	60 yd.	10 oz.	60 in.
728404	8404-0000	Natural	60 yd.	10 oz.	60 in.
728406	8406-0000	Dubonnet Tweed	60 yd.	10 oz.	60 in.
728408	8408-0000	Black	60 yd.	10 oz.	60 in.
728417	8417-0000	Royal Blue Tweed	60 yd.	10 oz.	60 in.
728423	8423-0000	Aquamarine	60 yd.	10 oz.	60 in.
728428	8428-0000	Toast	60 yd.	10 oz.	60 in.
728430	8430-0000	Cadet Grey	60 yd.	10 oz.	60 in.
728431	8431-0000	Burgundy	60 yd.	10 oz.	60 in.
728437	8437-0000	Forest Green	60 yd.	10 oz.	60 in.
728442	8442-0000	Oyster	60 yd.	10 oz.	60 in.
728443	8443-0000	Persian Green	60 yd.	10 oz.	60 in.
728446	8446-0000	Captain Navy	60 yd.	10 oz.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNBRELLA® PLUS 80 IN.

Sunbrella Plus is a traditional Sunbrella awning and marine fabric with a durable polyurethane undercoating for superior water resistance. Sunbrella Plus uses standard Sunbrella colors for easy color coordination and is ideal wherever water resistance is essential.

FABRIC	100% Sunbrella Acrylic
FINISH	Face- Fluorocarbon, Back- Polyurethane
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
728501	84001-0000	Pacific Blue	50 yd.	10 oz.	80 in.
728508	84008-0000	Black	50 yd.	10 oz.	80 in.
728528	84028-0000	Toast	50 yd.	10 oz.	80 in.
728530	84030-0000	Cadet Grey	50 yd.	10 oz.	80 in.
728531	84031-0000	Burgundy	50 yd.	10 oz.	80 in.
728546	84046-0000	Captain Navy	50 yd.	10 oz.	80 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



SUNBRELLA® SUPREME

Sunbrella Supreme is a luxurious, waterproof exterior marine fabric featuring Sunbrella canvas on the exterior face and a special Sunbrella flocking on the reverse side. The unique bonding process creates a waterproof Sunbrella canvas with a beautifully soft headliner underneath.

FABRIC	100% Sunbrella Acrylic
FINISH	Fluorocarbon
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
722203	9408-0000	Black/Black	40 yd.	13 oz.	60 in.
722204	9408-0001	Black/Linen	40 yd.	13 oz.	60 in.
722212	9433-0000	Linen/Linen	40 yd.	13 oz.	60 in.
722215	9446-0000	Captain Navy/Captain Navy	40 yd.	13 oz.	60 in.
722216	9446-0001	Captain Navy/Linen	40 yd.	13 oz.	60 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



AQUALON®

Aqualon is a high performance fabric for boat covers, enclosures and tops. The top side of Aqualon is coated with a durable pigmented vinyl resin that will not rub off. The top side coating also resists cracking, peeling, hardening, fading and resists mildew, rot and UV rays. The underside is finished with a clear, durable and water resistant finish. Aqualon is tough yet flexible for fabrication and handling as a cover.

Full enclosures should be vented for air circulation.

FABRIC	Two-Ply Polyester Duck
FINISH	Vinyl Resin Top Coated with Underside Coated with a Durable Water Resistant Finish
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
775405	40705	Dockside Poppy Red	65 yd.	8.75 oz.	60 in.
775425	40725	Dockside Linen	65 yd.	8.75 oz.	60 in.
775439	40739	Dockside Dove	65 yd.	8.75 oz.	60 in.
775500	5500	Black	65 yd.	8.75 oz.	60 in.
775503	5503	Forest Green	65 yd.	8.75 oz.	60 in.
775504	5504	Teal	65 yd.	8.75 oz.	60 in.
775507	5507	Red	65 yd.	8.75 oz.	60 in.
775508	5508	Ivory	65 yd.	8.75 oz.	60 in.
775509	5509	Burgundy	65 yd.	8.75 oz.	60 in.
775512	5512	Blue	65 yd.	8.75 oz.	60 in.
775513	5513	Cardinal Red	65 yd.	8.75 oz.	60 in.
775517	5517	White	65 yd.	8.75 oz.	60 in.
775518	5518	Charcoal	65 yd.	8.75 oz.	60 in.
775521	5521	Mountain Rock	65 yd.	8.75 oz.	60 in.
775528	5528	Navy	65 yd.	8.75 oz.	60 in.
775542	5542	Silver	65 yd.	8.75 oz.	60 in.
775544	5544	Blueberry	65 yd.	8.75 oz.	60 in.
775549	5549	Tan	65 yd.	8.75 oz.	60 in.
775568	5568	Beige	65 yd.	8.75 oz.	60 in.
775569	5569	Mediterranean Blue	65 yd.	8.75 oz.	60 in.
775571	5571	Mist Gray	65 yd.	8.75 oz.	60 in.

Aqualon® is a registered trademark of Glen Raven, Inc.

HARBOR-TIME®

Harbor-Time is designed for use in various marine and industrial applications. Its unique color, enhanced with a proprietary clear coating on both sides has exceptional abrasion resistance. Stabilized for minimum stretch or shrinkage will ensure continuous fit throughout application. This highly water repellent, mildew and UV resistant fabric has superior strength and long-lasting color.

Because Harbor-Time is water repellent, the use of vents when fabricating a mooring cover is recommended. A clear vinyl patch should be sewn at contact points when total protection against rub-off is desired. This fabric is non-flame retardant, and should not be exposed to direct flame or extreme heat.

FABRIC	Polyester
FINISH	Acrylic Coated
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
775638	HT008	Driftwood	50 yd.	11 oz.	62 in.
775645	HT015	Surf	50 yd.	11 oz.	62 in.
775648	HT018	Putty	50 yd.	11 oz.	62 in.
775651	HT021	Cordovan	50 yd.	11 oz.	62 in.
775652	HT022	Storm Grey	50 yd.	11 oz.	62 in.
775653	HT023	Shale	50 yd.	11 oz.	62 in.
775655	HT025	Antique Beige	50 yd.	11 oz.	62 in.
775657	HT027	Nautical Blue	50 yd.	11 oz.	62 in.
775660	HT030	Onyx	50 yd.	11 oz.	62 in.
775662	HT032	Mallard Green	50 yd.	11 oz.	62 in.
775664	HT034	Beige Suede	50 yd.	11 oz.	62 in.
775667	HT041	Navy	50 yd.	11 oz.	62 in.
775668	HT042	Cardinal Red	50 yd.	11 oz.	62 in.

Harbor-Time® is a registered trademark of Glen Raven, Inc.

SEA-SPRAÉ®

Economical and super lightweight, Sea-Spraé is the perfect choice for lightweight bimini tops and other marine craft covers. The fabric resists water, dirt and UV rays, and is stabilized for minimum stretch and shrinkage. This durable fabric is flexible and easy to fabricate, and has excellent tear and tensile strength. Sea-Spraé features proprietary back coating to prevent color transfer, however, a clear vinyl patch should be sewn at contact points when total protection against rub-off is desired.

FABRIC	Polyester
FINISH	Acrylic Coated
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
775753	SEA23	Dark Grey	75 yd.	6.25 oz.	64 in.
775755	SEA25	Toast	75 yd.	6.25 oz.	64 in.
775756	SEA26	White	75 yd.	6.25 oz.	64 in.
775757	SEA27	Bay Blue	75 yd.	6.25 oz.	64 in.
775760	SEA30	Black	75 yd.	6.25 oz.	64 in.
775762	SEA32	Dark Green	75 yd.	6.25 oz.	64 in.
775776	SEA46	Sandpiper Grey	75 yd.	6.25 oz.	64 in.
775796	SEA96	Burgundy	75 yd.	6.25 oz.	64 in.

Sea-Spraé® is a registered trademark of Glen Raven, Inc.



SUR LAST®

Sur Last can be used for many applications that require UV protection, including boat covers, bimini tops, boat storage covers, furniture covers, tonneau covers, luggage, and camping enclosures just to name a few. Sur Last is a very colorfast protective material, and because it is solution-dyed, the colors will not fade or wash out. Sur Last stands up to wind, rain, pollutants and chemicals that will make other fabrics fade. It has high UV, mold and mildew resistance, excellent tear and abrasion resistance, and is non-abrasive to gelcoat and other popular marine finishes. Sur Last also features outstanding silk screen adhesion.

FABRIC	100% Solution Dyed Polyester
FINISH	3/4 oz. Urethane Back Coating
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
777151	3851	Navy Weave	100 yd.	7 oz.	60 in.
777153	3853	Sand	100 yd.	7 oz.	60 in.
777154	3854	Black	100 yd.	7 oz.	60 in.
777160	3860	Forest	100 yd.	7 oz.	60 in.
777161	3861	Aztec	100 yd.	7 oz.	60 in.
777162	3862	Light Grey	100 yd.	7 oz.	60 in.
777163	3863	Sail Blue	100 yd.	7 oz.	60 in.
777166	3866	Admiral Navy	100 yd.	7 oz.	60 in.
777169	3869	Scarlet	100 yd.	7 oz.	60 in.
777171	3871	Walnut	100 yd.	7 oz.	60 in.

Sur Last® is a registered trademark of Glen Raven, Inc.

SEAMARK™

An exterior grade, waterproof burbank grain marine fabric. Made by combining Sunbrella® fabric with a textured marine grade vinyl. Ideal for boat tops and covers. Also used for tonneau and equipment covers.

FABRIC	Sunbrella Acrylic Bonded to Vinyl
FINISH	Top: Fluorocarbon Finish. Back: Textured Marine Grade Vinyl for Waterproof Finish.
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
727100	1002	Black	50 yd.	16 oz.	60 in.
727105	1008	Navy	50 yd.	16 oz.	60 in.
727106	Z11543	Linen	50 yd.	16 oz.	60 in.
727107	1543	Toasted Tweed	50 yd.	16 oz.	60 in.
727110	1131	Cadet Gray	50 yd.	16 oz.	60 in.
727120	1543	Linen Tweed	50 yd.	16 oz.	60 in.
727125	2331	Pacific Blue	50 yd.	16 oz.	60 in.
727130	6005	Hemlock Tweed	50 yd.	16 oz.	60 in.
727135	6006	Dubonnet Tweed	50 yd.	16 oz.	60 in.
727140	2331	Royal Blue Tweed	50 yd.	16 oz.	60 in.
727145	6007	Charcoal Tweed	50 yd.	16 oz.	60 in.
727150	6006	True Burgundy	50 yd.	16 oz.	60 in.
727153	1645	Jockey Red	50 yd.	16 oz.	60 in.
727155	1511	Teal Tweed	50 yd.	16 oz.	60 in.
727165	1543	Oyster	50 yd.	16 oz.	60 in.
727170	1655	Forest Green	50 yd.	16 oz.	60 in.
727175	1701	Captain Navy	50 yd.	16 oz.	60 in.
727190	1694	Mediterranean Blue Tweed	50 yd.	16 oz.	60 in.

SeaMark™ is a trademark of the Haartz Corporation. Sunbrella® is a registered trademark of Glen Raven, Inc.

HERCULITE® HD "SHRIMP BOAT" COVER

This material is designed for applications where extra fabric weight is desired, such as commercial fishing boats, boat deck awnings and some bimini tops. The fabric is a vinyl laminated to a polyester base fabric, and has a smooth, matte white surface with a mist blue underside to reduce glare off the water.

FABRIC	Polyester
FINISH	Vinyl
WARRANTY	None

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
975203	White/Mist Blue Matte	50 yd.	18 oz.	62 in.

Herculite® is a registered trademark of Herculite Products Inc.



HERCULITE® RIVIERA MARINE FABRIC™

Herculite Riviera Marine Fabric is specifically formulated with high quality vinyl that features a soft, supple hand for easy fabrication. Riviera is suited for a variety of marine applications, such as bimini tops, enclosure curtains, and cockpit and stationary boat covers.

Riviera is colorfast, mildew resistant and waterproof. The fabric's exclusive top coat provides ease of cleaning, prolongs the life of the fabric and adds to the fabric's pleasing appearance. Matching binding is available for all products.

FABRIC	100% PVC Composite Supported by a High Strength Woven Polyester
FINISH	Top Coat
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
975164	168	White	33 yd.	12.5 oz.	78 in.
975165	166	Snow White	33 yd.	12.5 oz.	78 in.
975166	166	Snow White	50 yd.	12.5 oz.	61 in.
975167	167	Ivory	50 yd.	12.5 oz.	61 in.
975168	168	White	50 yd.	12.5 oz.	61 in.

Herculite® is a registered trademark of Herculite Products Inc. Herculite Riviera Marine Fabric™ is a trademark of Herculite Products Inc.

WEBLON® REGATTA® YACHT FABRIC

For all pleasure craft, power or sail, Weblon Regatta Yacht Fabric with Rain Kleen® finish provides the best answer for fabric accessories such as boom awnings, bimini, sun, curtains, dodgers, enclosures, cushions, mooring and protective covers.

Regatta Yacht Fabric is designed specifically for the rigorous topside exposure. This fabric is not for use for trailering covers.

Regatta is a lamination of two plies of specially formulated vinyl with an inner, reinforcing core fabric woven from high strength polyester. Regatta's exclusive Rain Kleen finish on the weather side provides ease of cleaning, prolongs the life of the fabric and adds to the pleasing appearance of the surface.

Regatta Offers You These Advantages:

- Waterproof and Mildew Resistant
- High, Lasting Strength – Lightweight
- Dimensional Stability
- Age, Stain and Fade Resistance
- Abrasion Resistance
- White Tops Reflect Heat – Pastel Linings Relieve Glare
- Wide Color Selection

FABRIC	Polyester
FINISH	Vinyl Laminated, Embossed Rain Kleen®
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
975501	D-62417	White/White	50 yd.	13 oz.	62 in.
975502	D-62415	White/Mist Blue	50 yd.	13 oz.	62 in.
975503	D-62416	White/Foam Green	50 yd.	13 oz.	62 in.
975529	D-62429	White/Driftwood	50 yd.	13 oz.	62 in.
975611	D-62439	Ivory/Ivory	50 yd.	13 oz.	62 in.
975625	D-62445	Black/Black	50 yd.	13 oz.	62 in.

Weight varies slightly from color to color. Weight and roll size nominal. These values are subject to slight variations and are NOT intended to be used as specifications.

Weblon®, Regatta® and Rain Kleen® are registered trademarks of Herculite Products Inc.



Stamoid Heavy Cover

STAMOID® MARINE FABRICS – STAMOID HEAVY COVER 102 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid’s vinyl coating assures dirt resistance and cleanability.

Suggested uses: cockpit covers, protective covers, console covers.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Top Side
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742180	4313	White	33 yd.	14 oz.	102 in.
742181	4313	Navy	33 yd.	14 oz.	102 in.
742182	4313	Royal Blue	33 yd.	14 oz.	102 in.
742184	4313	Pearl Grey	33 yd.	14 oz.	102 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID LIGHT 59 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid’s vinyl coating assures dirt resistance and cleanability.

Suggested uses: equipment cover, flybridge cover, furling sail cover, console cover, dinghy cover, shadesail.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Top Side
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742000	F4128	White	54.7 yd.	8.3 oz.	59 in.
742001	F4128	Cream	54.7 yd.	8.3 oz.	59 in.
742002	F4128	Ivory	54.7 yd.	8.3 oz.	59 in.
742003	F4128	Sand	54.7 yd.	8.3 oz.	59 in.
742004	F4128	Pearl Grey	54.7 yd.	8.3 oz.	59 in.
742005	F4128	Silver	54.7 yd.	8.3 oz.	59 in.
742009	F4128	Royal Blue	54.7 yd.	8.3 oz.	59 in.
742010	F4128	Navy	54.7 yd.	8.3 oz.	59 in.
742013	F4128	Snow White	54.7 yd.	8.3 oz.	59 in.
742014	F4128	Black	54.7 yd.	8.3 oz.	59 in.
742015	F4128	Taupe	54.7 yd.	8.3 oz.	59 in.
742016	F4128	Charcoal	54.7 yd.	8.3 oz.	59 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID LIGHT 80 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid’s vinyl coating assures dirt resistance and cleanability.

Suggested uses: equipment cover, flybridge cover, furling sail cover, console cover, dinghy cover, shadesail.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Top Side
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742050	F4128	White	32.8 yd.	8.3 oz.	80 in.
742064	F4128	Snow White	32.8 yd.	8.3 oz.	80 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID LIGHT 102 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid's vinyl coating assures dirt resistance and cleanability.

Suggested uses: equipment cover, flybridge cover, furling sail cover, console cover, dinghy cover, shadesail.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Top Side
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742070	F4128	White	32.8 yd.	8.3 oz.	102 in.
742071	F4128	Snow White	32.8 yd.	8.3 oz.	102 in.
742072	F4128	Black	32.8 yd.	8.3 oz.	102 in.
742073	F4128	Bordeaux	32.8 yd.	8.3 oz.	102 in.
742074	F4128	Charcoal	32.8 yd.	8.3 oz.	102 in.
742075	F4128	Cream	32.8 yd.	8.3 oz.	102 in.
742076	F4128	Evergreen	32.8 yd.	8.3 oz.	102 in.
742077	F4128	Ivory	32.8 yd.	8.3 oz.	102 in.
742078	F4128	Navy	32.8 yd.	8.3 oz.	102 in.
742079	F4128	Pearl Grey	32.8 yd.	8.3 oz.	102 in.
742080	F4128	Royal Blue	32.8 yd.	8.3 oz.	102 in.
742081	F4128	Sand	32.8 yd.	8.3 oz.	102 in.
742082	F4128	Taupe	32.8 yd.	8.3 oz.	102 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID OPEN 72 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid's vinyl coating assures dirt resistance and cleanability.

Suggested uses: bimini top, dodger, enclosure, boat awning.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Both Sides
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742169	F4463	Black	32.8 yd.	19.1 oz.	72 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID OPEN 102 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid's vinyl coating assures dirt resistance and cleanability.

Suggested uses: bimini top, dodger, enclosure, boat awning.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Both Sides
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742170	F4463-10309	Snow White	33 yd.	19.1 oz.	102 in.
742171	F4463	White	33 yd.	19.1 oz.	102 in.
742172	F4463	Ivory	33 yd.	19.1 oz.	102 in.
742173	F4463-10204	Cream	33 yd.	19.1 oz.	102 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



Stamoid Top

STAMOID® MARINE FABRICS – STAMOID TOP 59 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid's vinyl coating assures dirt resistance and cleanability.

Suggested uses: bimini top, dodger, enclosure, boat awning.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Both Sides
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742100	F3933	White	54.7 yd.	12.7 oz.	59 in.
742101	F3933	Cream	54.7 yd.	12.7 oz.	59 in.
742102	F3933	Ivory	54.7 yd.	12.7 oz.	59 in.
742103	F3933	Sand	54.7 yd.	12.7 oz.	59 in.
742104	F3933	Pearl Grey	54.7 yd.	12.7 oz.	59 in.
742109	F3933	Royal Blue	54.7 yd.	12.7 oz.	59 in.
742110	F3933	Navy	54.7 yd.	12.7 oz.	59 in.
742113	F3933	Snow White	54.7 yd.	12.7 oz.	59 in.
742114	F3933	Bordeaux	54.7 yd.	12.7 oz.	59 in.
742115	F3933	Black	54.7 yd.	12.7 oz.	59 in.
742118	F3933	Evergreen	54.7 yd.	12.7 oz.	59 in.
742120	F3933-20168	Charcoal/White	54.7 yd.	12.7 oz.	59 in.
742121	F3933-20169	Navy/White	54.7 yd.	12.7 oz.	59 in.
742122	F3933-20170	Sand/White	54.7 yd.	12.7 oz.	59 in.
742123	F3933-20167	Taupe/White	54.7 yd.	12.7 oz.	59 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID TOP 80 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid’s vinyl coating assures dirt resistance and cleanability.

Suggested uses: bimini top, dodger, enclosure, boat awning.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Both Sides
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742150	F3933	White	32.8 yd.	12.7 oz.	80 in.
742164	F3933	Snow White	32.8 yd.	12.7 oz.	80 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STAMOID® MARINE FABRICS – STAMOID TOP 102 IN.

Stamoid vinyl coated polyester marine fabrics offer outstanding features for a wide range of exterior marine applications. Inherent dimensional stability provides long-lasting durability for boats of all sizes. Stamoid marine is colorfast, mildew resistant and waterproof. It maintains its flexibility in temperature extremes from the hot tropics to near zero temperatures. Stamoid’s vinyl coating assures dirt resistance and cleanability.

Suggested uses: bimini top, dodger, enclosure, boat awning.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl Coated Both Sides
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
742160	F3933	Pearl Grey	32.8 yd.	12.7 oz.	102 in.
742165	F3933	White	32.8 yd.	12.7 oz.	102 in.
742166	F3933	Snow White	32.8 yd.	12.7 oz.	102 in.
742167	F3933	Black	32.8 yd.	12.7 oz.	102 in.
742168	F3933	Cream	32.8 yd.	12.7 oz.	102 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

BURBANK MARINE TOPPING

A premium grade marine topping constructed of a PVC facing and a polyester backing. It’s water repellent, mildew inhibited, and UV stabilized.

FABRIC	Polyester
FINISH	PVC Coating
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734432	1697	Mariner Blue	60 yd.	15.5 oz.	54 in.
734433	6133	Blue Wave	60 yd.	15.5 oz.	54 in.

SUPER-TOP™ BOAT TOPPING

Premium grade diamond-embossed Super-Top is all weather ready on the top side, and backed with a soft gray “Denim” polyester/cotton fabric. Resists sun, mildew, water, grease and dirt. The soft vinyl and polyester/cotton blend makes it easier to fold, store and handle.

FABRIC	65% Polyester/35% Cotton Blend
FINISH	Vinyl Laminated, Embossed
WARRANTY	None

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
734452	Pearl White/Denim	40 yd.	16 oz.	54 in.

Super-Top™ is a trademark of Glen Raven, Inc.

SUNFORGER® BOAT SHRUNK

A durable water-repellent and mildew-resistant fabric with an added feature – exposure shrinkage of approximately 3% or less under normal use. A popular fabric for use where normal water and moisture conditions exist.

FABRIC	Cotton Army Duck				
FINISH	Water Repellent Finish				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
714021	538	Pearl Gray	50 yd.	10.1 oz.	36 in.
714024	598	Pearl Gray	50 yd.	12.63 oz.	36 in.
714041	638	Colorless	50 yd.	10.1 oz.	36 in.
714045	698	Colorless	50 yd.	12.63 oz.	36 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

SUNFORGER® BOAT SHRUNK – FLAME RETARDANT

A durable water-repellent and mildew-resistant fabric with an added feature – exposure shrinkage of approximately 3% or less under normal use. A popular fabric for use where normal water and moisture conditions exist.

FABRIC	Cotton Army Duck				
FINISH	Water Repellent Finish				
FR STANDARDS MET	CPAI-84				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
714042	638	Colorless	50 yd.	10.1 oz.	36 in.
714183		Colorless	100 yd.	10.1 oz.	60 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

SUNFORGER® MARINE FINISH BOAT SHRUNK

Where the ultimate is needed in water repellency and mildew resistance, use Marine Finish Boat Shrunk. Expect limited exposure shrinkage of approximately 3%, under normal use. Marine Finish contains a special added compound that gives greater water repellency and mildew resistance.

FABRIC	Cotton Army Duck				
FINISH	Water Repellent Finish				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
714102	738	Pearl Gray	50 yd.	10.1 oz.	36 in.
714105	798	Pearl Gray	50 yd.	12.63 oz.	36 in.
714121	938	Colorless	50 yd.	10.1 oz.	36 in.
714124	998	Colorless	50 yd.	12.63 oz.	36 in.
714138		Pigment Dyed Gray	50 yd.	10.1 oz.	36 in.
714145	1098	Khaki	50 yd.	12.63 oz.	36 in.
714146		Pigment Dyed Gray	50 yd.	12.63 oz.	36 in.
714148	1198	Suntan	50 yd.	12.63 oz.	36 in.
714163		Light Gray MVSS-302	50 yd.	10.1 oz.	42 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

SUNFORGER® MARINE FINISH BOAT SHRUNK – FLAME RETARDANT

Where the ultimate is needed in water repellency and mildew resistance, use Marine Finish Boat Shrunk. Expect limited exposure shrinkage of approximately 3%, under normal use. Marine Finish contains a special added compound that gives greater water repellency and mildew resistance.

FABRIC	Cotton Army Duck				
FINISH	Water Repellent Finish				
FR STANDARDS MET	CPAI-84				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
714123	938	Colorless	50 yd.	10.38 oz.	36 in.
714125	998	Colorless	50 yd.	12.98 oz.	36 in.

Sunforger® is a registered trademark of M.F. & H Textiles.

TRITON®

100% polyester woven fabric with a vinyl-coated top side. Triton Marine Cover Fabric is water repellent and resistant to mildew, UV, petroleum products and a wide range of acid and alkaline liquids. The color won't rub off, and the flexible and durable surface cleans easily with vinyl cleaners. Ideal for personal watercraft covers.

FABRIC	100% Polyester				
FINISH	Vinyl Resin Coated Topside				
WARRANTY	3-Year				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
775842	5842	Silver	100 yd.	6 oz.	60 in.

Triton® is a registered trademark of Glen Raven, Inc.

MARINE TONNEAU COVER

This fabric works well as an upscale truck bed tonneau cover or as marine topping where a heavy weight, durable, waterproof product is needed. This 100% solution dyed acrylic face fabric has a heavy weight marine grade PVC coating with UV stabilizer and a fluorocarbon finish that repels water and enhances cleanability and stain resistance.

FABRIC	100% Solution Dyed Acrylic Face Fabric				
FINISH	PVC Coating with UV Stabilizer and Fluorocarbon Finish				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
727199	1402	Black	50 yd.	18.5 oz.	78 in.

MARITIME®

Economical poly/cotton boat cover fabric.

FABRIC	65% Polyester/35% Cotton Blend
FINISH	Pigment Dyed
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
776192	192	Light Gray	75 yd.	10 oz.	45 in.
776288	288	Tan	75 yd.	10 oz.	45 in.

Maritime® is a registered trademark of Glen Raven, Inc.

DACRON® SAILCLOTH AND COVER CLOTH

Trivantage® offers a premium 3.8 oz. Dacron sailcloth for marine applications. 3.8 oz. Dacron has a stabilized finish and is a proven basic sailcloth.

Trivantage stocks a range of Dacron cover cloth fabrics in a variety of weights. These are ideal for a variety of marine cover applications, and are white in color.

Sailcloth fabrics are specially made for use in sails. Although this fabric is used in the manufacture of other products, it is not engineered or tested for these uses. In this connection we remind you that under the terms and conditions pursuant to which our sailcloth has been and is sold, the manufacturer disclaims all warranties of its sailcloth for fitness for a particular purpose.

Not for use in aeronautical applications.

ITEM #	DESCRIPTION	COLOR	WEIGHT	WIDTH
723998	Medium Cloth	White	6.5 oz.	54 in.
723999	Heavy Cloth	White	8.5 oz.	54 in.
724077	Medium Cloth	White	7 oz.	54 in.
724078	Heavy Cloth	Natural	8.9 oz.	54 in.
724089	Fleetboat Cloth	White	4 oz.	54 in.
724104	Dacron	Natural	3.8 oz.	36 in.

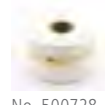
Dacron® is a registered trademark of INVISTA™. Trivantage® is a registered trademark of Glen Raven, Inc.



No. 500723



No. 500727



No. 500728

DACRON® TAPE

Available in various widths for use in sails. Used for reinforcement in canvas applications.

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
500492	White	100 yd.	6 oz.	1.5 in.
500493	White	60-75 yd.	6 oz.	2 in.
500495	White	100 yd.	6 oz.	3 in.
500496	White	100 yd.	6 oz.	4 in.
500723	Black	100 yd.	3.9 oz.	2 in.
500726	White	100 yd.	6 oz.	2 in.
500727	White	100 yd.	6 oz.	3 in.
500728	White	100 yd.	6 oz.	4 in.

Dacron® is a registered trademark of INVISTA™.

CLEAR DOUBLE-POLISHED VINYL ROLLS

Clear Vinyl will contract and expand with changing temperatures. Allow 1-2% for shrinkage when cutting clear vinyl.

Sold in full rolls only.

ITEM #	DESCRIPTION	COLOR	PUT UP	THICKNESS	WIDTH
971926		Smoke	30 yd.	0.020	54 in.
971941		Clear	40 yd.	0.030	54 in.
971942		Clear	20 yd.	0.030	54 in.
971998	Interleaf	Clear	72 yd.	0.016	54 in.
972002		Clear	30 yd.	0.020	54 in.
972003		Clear	60 yd.	0.020	54 in.
972004		Clear	15 yd.	0.040	54 in.
972005		Clear	30 yd.	0.040	54 in.
972012		Clear	100 yd.	0.012	54 in.
972016		Clear	72 yd.	0.016	54 in.
972017		Clear	36 yd.	0.016	54 in.
972019		Clear	30 yd.	0.020	54 in.
972020		Clear	61 yd.	0.020	54 in.
972021		Light Gray Tint	30 yd.	0.020	54 in.
972024	Cold Crack UVI	Clear	60 yd.	0.020	54 in.
972029	Interleaf	Clear	30 yd.	0.020	54 in.
972035		Clear	40 yd.	0.030	54 in.
972036		Clear	20 yd.	0.030	54 in.
972046	Interleaf	Clear	20 yd.	0.030	54 in.
972102		Smoke	20 yd.	0.030	54 in.
972113		Clear	5 yd.	0.020	54 in.

CLEAR DOUBLE-POLISHED VINYL ROLLS – FLAME RETARDANT

Clear Vinyl will contract and expand with changing temperatures. Allow 1-2% for shrinkage when cutting clear vinyl.

Sold in full rolls only.

FR STANDARDS MET	California State Fire Marshal Title 19; CPAI-84.
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ITEM #	DESCRIPTION	PUT UP	THICKNESS	WIDTH
972022		100 yd.	0.012	54 in.
972023		50 yd.	0.012	54 in.
972026		72 yd.	0.016	54 in.
972027		61 yd.	0.020	54 in.
972028		30 yd.	0.020	54 in.
972041	Interleaf	61 yd.	0.020	54 in.
972072		40 yd.	0.030	50 in.

REGALITE® VINYL PRESS-POLISHED SHEETS

Die-cut sheets. Sold in full drums only.

ITEM #	COLOR	PUT UP	SIZE	THICKNESS
972064	Clear	10/drum	54 in. x 110 in.	0.040
972153	Clear	5/drum	54 in. x 110 in.	0.030
972162	Clear	5/drum	54 in. x 110 in.	0.040
972165	Clear	2/drum	54 in. x 110 in.	0.020
972168	Clear	2/drum	54 in. x 110 in.	0.030
972169	Clear	3/drum	54 in. x 110 in.	0.030
972170	Clear	2/drum	54 in. x 110 in.	0.040
972171	Clear	3/drum	54 in. x 110 in.	0.040
972173	Smoke	2/drum	54 in. x 110 in.	0.030
972174	Smoke	3/drum	54 in. x 110 in.	0.030
972175	Smoke	2/drum	54 in. x 110 in.	0.040
972176	Smoke	3/drum	54 in. x 110 in.	0.040
972177	Green	3/drum	54 in. x 110 in.	0.040
972340	Smoke	5/drum	54 in. x 110 in.	0.040
972342	Smoke	5/drum	54 in. x 110 in.	0.030
972347	Clear	5/drum	54 in. x 110 in.	0.020

Regalite® is a registered trademark of O'Sullivan Films.

CLEAR VINYL EXTRUDED

A clear, economical vinyl that is a superb source for building marine enclosures rather than many typical vinyl sheets offered on the market. Great for clear vinyl window replacements as it adapts nicely to the existing vinyl. Because this specialty clear vinyl is extruded rather than laminated, the clarity is superior to other clear vinyl roll goods.

ITEM #	DESCRIPTION	PUT UP	THICKNESS	WIDTH
972301	Firm Hand	14 yd.	0.040	54 in.
972302	Soft Hand	20 yd.	0.030	54 in.

O'SEA™ CLEAR VINYL

O'Sea press polished sheets are ideally suited for applications where exceptional optical clarity and durability are important. These include marine windows, and other enclosures. O'Sea advantages include: Scratch resistance, UV durability, optical clarity, superior stain and chemical resistance and made in the USA.

FABRIC	PVC Clear Pressed Polished Vinyl
FINISH	Scratch, Stain & Chemical Resistance, UV Durability
WARRANTY	18-Month

ITEM #	COLOR	PUT UP	SIZE	THICKNESS
972163	Clear	5/drum	54 in. x 110 in.	0.040
972164	Clear	3/drum	54 in. x 110 in.	0.040
972178	Clear	2/drum	54 in. x 110 in.	0.030
972179	Clear	3/drum	54 in. x 110 in.	0.030
972180	Clear	5/drum	54 in. x 110 in.	0.030
972181	Clear	2/drum	54 in. x 110 in.	0.040
972182	Smoke	2/drum	54 in. x 110 in.	0.040
972183	Smoke	3/drum	54 in. x 110 in.	0.040
972184	Smoke	5/drum	54 in. x 110 in.	0.040
972185	Green	3/drum	54 in. x 110 in.	0.040

O'Sea™ is a trademark of O'Sullivan Films

CRYSTAL CLEAR 20/20

These uncoated press-polished vinyl sheets offer exceptional clarity and flexibility. With excellent UV stability, Crystal Clear resists clouding, yellowing and cracking to provide phenomenal visual light transmission. In a choice of 30 and 40 gauge clear or smoke untrimmed sheets. Made in the USA.

ITEM #	COLOR	PUT UP	SIZE	THICKNESS
972210	Clear	5/drum	54 in. x 111 in.	0.040
972211	Clear	3/drum	54 in. x 111 in.	0.040
972212	Clear	2/drum	54 in. x 111 in.	0.040
972214	Light Smoke	5/drum	54 in. x 111 in.	0.040
972215	Light Smoke	3/drum	54 in. x 111 in.	0.040
972216	Light Smoke	2/drum	54 in. x 111 in.	0.040
972217	Clear	5/drum	54 in. x 111 in.	0.030
972218	Clear	3/drum	54 in. x 111 in.	0.030
972219	Clear	2/drum	54 in. x 111 in.	0.030
972254	Dark Smoke	5/drum	54 in. x 111 in.	0.040
972255	Dark Smoke	3/drum	54 in. x 111 in.	0.040
972256	Dark Smoke	2/drum	54 in. x 111 in.	0.040



Strataglass vinyl sheets

STRATAGLASTM VINYL SHEETS

A remarkably clear and scratch-resistant vinyl sheet, Strataglass performs well in boat curtain, automotive window and awning applications, where perfection of clarity and lack of distortion are demanded. This premium, flexible vinyl sheet resists scratching from handling, etching from industrial fallout and damaging effects from the sun's rays. Made in the USA.

FABRIC	Pressed-Polished Vinyl
FINISH	Scratch Resistant, UV Blocking Urethane
WARRANTY	Limited

ITEM #	COLOR	PUT UP	SIZE	THICKNESS
971902	Clear	3/drum	54 in. x 110 in.	0.060
972200	Clear	5/drum	54 in. x 110 in.	0.040
972201	Clear	3/drum	54 in. x 110 in.	0.040
972202	Clear	2/drum	54 in. x 110 in.	0.040
972203	Clear	2/drum	54 in. x 110 in.	0.060
972204	Light Smoke	5/drum	54 in. x 110 in.	0.040
972205	Light Smoke	3/drum	54 in. x 110 in.	0.040
972206	Light Smoke	2/drum	54 in. x 110 in.	0.040
972207	Clear	5/drum	54 in. x 110 in.	0.030
972208	Clear	3/drum	54 in. x 110 in.	0.030
972209	Clear	2/drum	54 in. x 110 in.	0.030
972245	Dark Smoke	5/drum	54 in. x 110 in.	0.040
972246	Dark Smoke	3/drum	54 in. x 110 in.	0.040
972247	Dark Smoke	2/drum	54 in. x 110 in.	0.040
972346	Clear	1/drum	54 in. x 110 in.	0.040

Strataglass, Inc., manufacturers of StrataglassTM and Crystal Clear 20/20, endorse IMARTM Strataglass Protective Cleaner and IMAR Strataglass Protective Polish for maximum benefit recommend its regular use on Strataglass and Crystal Clear 20/20. Use of any cleaner or polish product other than IMAR Strataglass Protective Cleaner and Polish voids the factory warranty. Contact Trivantage for further information.

StrataglassTM is a trademark of Strataglass, LLC.

MAKROLON[®] AR2

Makrolon AR2 abrasion resistant polycarbonate sheet offers superior abrasion resistance and glasslike surface hardness, along with the impact strength of polycarbonate. It features a unique clear hard coat finish that resists all types of abuse, from physical attack to chemicals and spray paint. Additionally, Makrolon AR2 offers resistance from yellowing and hazing for longer service life in high profile applications.

ITEM #	COLOR	PUT UP	SIZE	THICKNESS
971800	Clear	1/drum	48 in. x 96 in.	0.060
971801	Clear	3/drum	48 in. x 96 in.	0.060
971802	Clear	5/drum	48 in. x 96 in.	0.060

Makrolon[®] is a registered trademark of PSP Limited.



SEA CLEAR POLYCARBONATE

Clear, thin-gauge polycarbonate for side and aft windows. Gives clear visibility and good light transmission.

Available only by drop shipment.

Recommended Handling of Sea Clear

- A masking film is used on both sides of the Sea Clear sheet or roll to prevent scratching during shipment and fabrication.
- For the best protection against abrasion damage to Sea Clear rolls, always store in and dispense from the specially designed box.
- No special tools or equipment are necessary to work with Sea Clear. Just cut and sew with your existing equipment.
- Don't forget to peel mask off when job is completed.
- The creative use of Sea Clear provides a clearer, longer lasting solution for marine or other window applications that do not require roll-up (Sea Clear is not appropriate for traditional roll-up applications).

ITEM #	COLOR	PUT UP	SIZE	THICKNESS
971730	Clear	10 yd.	50 in. x 10 yd.	0.030
971830	Clear	1/drum	48 in. x 96 in.	0.030
971840	Clear	1/drum	48 in. x 96 in.	0.040

VINYL CLEAR STRIP

Ideal for dock door and overhead door applications. Provides minimal protection for interior/exterior openings from 9 feet to 14 feet high. Operating temperature from -40°F to +140°F.

FR STANDARDS MET	California State Fire Marshal Title 19		
ITEM #	PUT UP	THICKNESS	WIDTH
972081	100 ft.	0.120	12 in.

NASSIMI BREEZE SEAQUEST VINYL UPHOLSTERY

Seaquest is a reliable fabric for marine, outdoor, and general upholstery. This fabric is part of the Trivantage® Breeze Collection and offers an embossed PVC outer surface. This line is also available in Roll 'N Pleat.

FABRIC	Poly Rayon
FINISH	Embossed PVC
FR STANDARDS MET	California Technical Bulletin 117; MVSS 302
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
732701	PSQ-001	Seaquest American Beauty	40 yd.	32 oz./ly.	54 in.
732702	PSQ-002	Seaquest Anchor	40 yd.	32 oz./ly.	54 in.
732703	PSQ-003	Seaquest Buff	40 yd.	32 oz./ly.	54 in.
732704	PSQ-004	Seaquest Chalk	40 yd.	32 oz./ly.	54 in.
732705	PSQ-005	Seaquest Cove	40 yd.	32 oz./ly.	54 in.
732706	PSQ-006	Seaquest Dune	40 yd.	32 oz./ly.	54 in.
732707	PSQ-007	Seaquest Ebony	40 yd.	32 oz./ly.	54 in.
732708	PSQ-008	Seaquest Emerald	40 yd.	32 oz./ly.	54 in.
732709	PSQ-009	Seaquest Forest	40 yd.	32 oz./ly.	54 in.
732710	PSQ-010	Seaquest Hampton	40 yd.	32 oz./ly.	54 in.
732711	PSQ-011	Seaquest Havasu	40 yd.	32 oz./ly.	54 in.
732712	PSQ-012	Seaquest Lemon Peel	40 yd.	32 oz./ly.	54 in.
732713	PSQ-013	Seaquest Lighthouse Red	40 yd.	32 oz./ly.	54 in.
732714	PSQ-014	Seaquest Lotion	40 yd.	32 oz./ly.	54 in.
732715	PSQ-015	Seaquest Marble	40 yd.	32 oz./ly.	54 in.
732716	PSQ-016	Seaquest Midnight	40 yd.	32 oz./ly.	54 in.
732717	PSQ-017	Seaquest Mist	40 yd.	32 oz./ly.	54 in.
732718	PSQ-018	Seaquest Navel	40 yd.	32 oz./ly.	54 in.
732719	PSQ-019	Seaquest Navy	40 yd.	32 oz./ly.	54 in.
732720	PSQ-020	Seaquest Oyster	40 yd.	32 oz./ly.	54 in.
732721	PSQ-021	Seaquest Pearl Oyster	40 yd.	32 oz./ly.	54 in.
732722	PSQ-022	Seaquest Pelican	40 yd.	32 oz./ly.	54 in.
732723	PSQ-023	Seaquest Royal	40 yd.	32 oz./ly.	54 in.
732724	PSQ-024	Seaquest Ruby	40 yd.	32 oz./ly.	54 in.
732725	PSQ-025	Seaquest Sea White	40 yd.	32 oz./ly.	54 in.
732726	PSQ-026	Seaquest Smoke	40 yd.	32 oz./ly.	54 in.
732727	PSQ-027	Seaquest Teal	40 yd.	32 oz./ly.	54 in.
732729	PSQ-029	Seaquest Too White	40 yd.	32 oz./ly.	54 in.
732730	PSQ-030	Seaquest White Ice	40 yd.	32 oz./ly.	54 in.

Trivantage® is a registered trademark of Glen Raven, Inc.

NASSIMI BREEZE SEAQUEST ROLL 'N PLEAT VINYL UPHOLSTERY

Seaquest is a reliable fabric for marine, outdoor, and general upholstery. This fabric is part of the Trivantage® Breeze Collection and offers an embossed PVC outer surface.

FABRIC	Poly Rayon
FINISH	Embossed PVC
FR STANDARDS MET	California Technical Bulletin 117; MVSS 302
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
732901	PSP-001	Seaquest American Beauty	15 yd.	54 in.
732902	PSP-002	Seaquest Anchor	15 yd.	54 in.
732903	PSP-003	Seaquest Buff	15 yd.	54 in.
732904	PSP-004	Seaquest Chalk	15 yd.	54 in.
732905	PSP-005	Seaquest Cove	15 yd.	54 in.
732906	PSP-006	Seaquest Dune	15 yd.	54 in.
732907	PSP-007	Seaquest Ebony	15 yd.	54 in.
732908	PSP-008	Seaquest Emerald	15 yd.	54 in.
732909	PSP-009	Seaquest Forest	15 yd.	54 in.
732910	PSP-010	Seaquest Hampton	15 yd.	54 in.
732911	PSP-011	Seaquest Havasu	15 yd.	54 in.
732912	PSP-012	Seaquest Lemon Peel	15 yd.	54 in.
732913	PSP-013	Seaquest Lighthouse Red	15 yd.	54 in.
732914	PSP-014	Seaquest Lotion	15 yd.	54 in.
732915	PSP-015	Seaquest Marble	15 yd.	54 in.
732916	PSP-016	Seaquest Midnight	15 yd.	54 in.
732917	PSP-017	Seaquest Mist	15 yd.	54 in.
732918	PSP-018	Seaquest Navel	15 yd.	54 in.
732919	PSP-019	Seaquest Navy	15 yd.	54 in.
732920	PSP-020	Seaquest Oyster	15 yd.	54 in.
732921	PSP-021	Seaquest Pearl Oyster	15 yd.	54 in.
732922	PSP-022	Seaquest Pelican	15 yd.	54 in.
732923	PSP-023	Seaquest Royal	15 yd.	54 in.
732924	PSP-024	Seaquest Ruby	15 yd.	54 in.
732925	PSP-025	Seaquest Sea White	15 yd.	54 in.
732926	PSP-026	Seaquest Smoke	15 yd.	54 in.
732927	PSP-027	Seaquest Teal	15 yd.	54 in.
732929	PSP-029	Seaquest Too White	15 yd.	54 in.
732930	PSP-030	Seaquest White Ice	15 yd.	54 in.

Trivantage® is a registered trademark of Glen Raven, Inc.

NASSIMI BREEZE SEAQUEST HYDEM GIMP

Hydem gimp is used to hide staples in upholstery applications. Colors correspond with the Nassimi Breeze Seaquest Vinyl Upholstery collection.

ITEM #	COLOR	PUT UP	WIDTH
515831	American Beauty	25 yd.	5/8 in.
515832	Anchor	25 yd.	5/8 in.
515833	Buff	25 yd.	5/8 in.
515834	Chalk	25 yd.	5/8 in.
515835	Cove	25 yd.	5/8 in.
515836	Dune	25 yd.	5/8 in.
515837	Ebony	25 yd.	5/8 in.
515838	Emerald	25 yd.	5/8 in.
515839	Forest	25 yd.	5/8 in.
515840	Hampton	25 yd.	5/8 in.
515841	Havasu	25 yd.	5/8 in.

ITEM #	COLOR	PUT UP	WIDTH
515842	Lemon Peel	25 yd.	5/8 in.
515843	Lighthouse Red	25 yd.	5/8 in.
515844	Lotion	25 yd.	5/8 in.
515845	Marble	25 yd.	5/8 in.
515846	Midnight	25 yd.	5/8 in.
515847	Mist	25 yd.	5/8 in.
515848	Navel	25 yd.	5/8 in.
515849	Navy	25 yd.	5/8 in.
515850	Oyster	25 yd.	5/8 in.
515851	Pearl Oyster	25 yd.	5/8 in.
515852	Pelican	25 yd.	5/8 in.
515853	Royal	25 yd.	5/8 in.
515854	Ruby	25 yd.	5/8 in.
515855	Sea White	25 yd.	5/8 in.
515856	Smoke	25 yd.	5/8 in.
515857	Teal	25 yd.	5/8 in.
515859	Too White	25 yd.	5/8 in.
515860	White Ice	25 yd.	5/8 in.

NASSIMI BREEZE SEAQUEST WELT

Welt is used to visually enhance a seam on seating. Colors correspond with the Nassimi Breeze Seaquest Vinyl Upholstery collection.

ITEM #	COLOR	PUT UP
515861	American Beauty	50 yd.
515862	Anchor	50 yd.
515863	Buff	50 yd.
515864	Chalk	50 yd.
515865	Cove	50 yd.
515866	Dune	50 yd.
515867	Ebony	50 yd.
515868	Emerald	50 yd.
515869	Forest	50 yd.
515870	Hampton	50 yd.
515871	Havasu	50 yd.
515872	Lemon Peel	50 yd.
515873	Lighthouse Red	50 yd.
515874	Lotion	50 yd.
515875	Marble	50 yd.
515876	Midnight	50 yd.
515877	Mist	50 yd.
515878	Navel	50 yd.
515879	Navy	50 yd.
515880	Oyster	50 yd.
515881	Pearl Oyster	50 yd.
515882	Pelican	50 yd.
515883	Royal	50 yd.
515884	Ruby	50 yd.
515885	Sea White	50 yd.
515886	Smoke	50 yd.
515887	Teal	50 yd.
515889	Too White	50 yd.
515890	White Ice	50 yd.

NASSIMI BREEZE BEACHCOMBER VINYL UPHOLSTERY

Beachcomber is a contemporary honeycomb pattern. The line is part of the Trivantage® Breeze Collection, and contains 14 unique color options. It is a combination of excellent abrasion, mildew and UV resistance. Perfect for any marine or outdoor needs.

FABRIC	Polyester Knit
FINISH	Embossed PVC
FR STANDARDS MET	California Technical Bulletin 117; MVSS 302
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
732751	PBC-001	Beachcomber Adriatic	30 yd.	32 oz./ly.	54 in.
732752	PBC-002	Beachcomber Blue Lagoon	30 yd.	32 oz./ly.	54 in.
732753	PBC-003	Beachcomber Brite White	30 yd.	32 oz./ly.	54 in.
732754	PBC-004	Beachcomber Carbon	30 yd.	32 oz./ly.	54 in.
732755	PBC-005	Beachcomber Cosmos	30 yd.	32 oz./ly.	54 in.
732756	PBC-006	Beachcomber Frost Grey	30 yd.	32 oz./ly.	54 in.
732757	PBC-007	Beachcomber Indian Summer	30 yd.	32 oz./ly.	54 in.
732758	PBC-008	Beachcomber Sandstone	30 yd.	32 oz./ly.	54 in.
732759	PBC-009	Beachcomber Seagrass	30 yd.	32 oz./ly.	54 in.
732760	PBC-010	Beachcomber Shell	30 yd.	32 oz./ly.	54 in.
732761	PBC-011	Beachcomber Sunset	30 yd.	32 oz./ly.	54 in.
732762	PBC-012	Beachcomber Surfboard Yellow	30 yd.	32 oz./ly.	54 in.
732763	PBC-013	Beachcomber Tangerine	30 yd.	32 oz./ly.	54 in.
732764	PBC-014	Beachcomber Warm White	30 yd.	32 oz./ly.	54 in.

Trivantage® is a registered trademark of Glen Raven, Inc.

NASSIMI BREEZE PHOENIX VINYL UPHOLSTERY

The Phoenix line offers a smooth emu/baby ostrich emboss and features Resilience-SR protection. Part of the Trivantage® Breeze Collection, this line contains 13 unique colors. This fabric is ideal for marine, outdoor and hospitality upholstery needs, as well as other upholstery applications. Phoenix is antimicrobial, stain resistant and UV resistant and has excellent abrasion resistance.

FABRIC	Polyester
FINISH	Embossed PVC
FR STANDARDS MET	California Technical Bulletin 117; MVSS 302
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
732791	TPH-001	Phoenix Biscotti	30 yd.	28 oz./ly.	54 in.
732792	TPH-002	Phoenix Black Forest	30 yd.	28 oz./ly.	54 in.
732793	TPH-003	Phoenix Caviar	30 yd.	28 oz./ly.	54 in.
732794	TPH-004	Phoenix Chocolate Chip	30 yd.	28 oz./ly.	54 in.
732795	TPH-005	Phoenix Chutney	30 yd.	28 oz./ly.	54 in.
732796	TPH-006	Phoenix Drizzle	30 yd.	28 oz./ly.	54 in.
732797	TPH-007	Phoenix Fog	30 yd.	28 oz./ly.	54 in.
732798	TPH-008	Phoenix Lemonade	30 yd.	28 oz./ly.	54 in.
732799	TPH-009	Phoenix Ochre	30 yd.	28 oz./ly.	54 in.
732800	TPH-010	Phoenix Outback	30 yd.	28 oz./ly.	54 in.
732801	TPH-011	Phoenix Ruby	30 yd.	28 oz./ly.	54 in.
732802	TPH-012	Phoenix Snowflake	30 yd.	28 oz./ly.	54 in.
732803	TPH-013	Phoenix Willow	30 yd.	28 oz./ly.	54 in.

Trivantage® is a registered trademark of Glen Raven, Inc.

NASSIMI BREEZE VIBE VINYL UPHOLSTERY

Vibe, part of the Trivantage® Breeze Collection, offers a distinctive look of fabric while offering the durability and ease of care of faux leather. This material offers Resilience-SR protection and is mildew, UV, and stain resistant. Vibe is suitable for automotive, marine, outdoor, and hospitality applications.

FABRIC	Polyester
FINISH	Embossed PVC
FR STANDARDS MET	California Technical Bulletin 117; MVSS 302
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
732771	TVI-001	Vibe Alchemy	30 yd.	28 oz./ly.	54 in.
732772	TVI-002	Vibe Ballpoint	30 yd.	28 oz./ly.	54 in.
732773	TVI-003	Vibe Black Currant	30 yd.	28 oz./ly.	54 in.
732774	TVI-004	Vibe Bombay Blue	30 yd.	28 oz./ly.	54 in.
732775	TVI-005	Vibe Caribbean	30 yd.	28 oz./ly.	54 in.
732776	TVI-006	Vibe Cityscape	30 yd.	28 oz./ly.	54 in.
732777	TVI-007	Vibe Clementine	30 yd.	28 oz./ly.	54 in.
732778	TVI-008	Vibe Clover	30 yd.	28 oz./ly.	54 in.
732779	TVI-009	Vibe Cocoa	30 yd.	28 oz./ly.	54 in.
732780	TVI-010	Vibe Cornsilk	30 yd.	28 oz./ly.	54 in.
732781	TVI-011	Vibe Flax	30 yd.	28 oz./ly.	54 in.
732782	TVI-012	Vibe Grasshopper	30 yd.	28 oz./ly.	54 in.
732783	TVI-013	Vibe Indian Summer	30 yd.	28 oz./ly.	54 in.
732784	TVI-014	Vibe Irish Linen	30 yd.	28 oz./ly.	54 in.
732785	TVI-015	Vibe Mushroom	30 yd.	28 oz./ly.	54 in.
732786	TVI-016	Vibe Punch	30 yd.	28 oz./ly.	54 in.
732787	TVI-017	Vibe Sunset	30 yd.	28 oz./ly.	54 in.

Trivantage® is a registered trademark of Glen Raven, Inc.



Brisa Outdoor

ULTRA LIFESTYLE COLLECTION BRISA® HIGH UV

The Ultra Lifestyle Collection is a group of luxurious simulated leather fabrics that are formulated to resist fading and spotting over extended periods of direct sunlight. The collection includes Brisa® Outdoor, Ultraleather™ Outdoor, and Promessa Outdoor, all virtually flawless under 1,400 hours of solar exposure and resistant to mold and mildew.

Durable and scratch resistant, these soft and beautiful fabrics also retain suppleness over time with an anti-mildew agent. These fabrics not only look and feel great, they're also environmentally friendly. They do not contain plasticizers, heavy metals, or stabilizers, and are free of VOCs (CA 01350 compliant), POPs, HFRs (Halogenated Flame Retardants) and formaldehyde. Since most spills and stains clean easily with mild detergent and water, there's no worry about toxic chemicals and harsh cleaners polluting the air. The process used to create Brisa Outdoor, Brisa Distressed Outdoor, Promessa Outdoor and Ultraleather Outdoor is also friendly to the environment – 99% of all solvents used in production are captured and recycled.

FABRIC	Breathable 100% Polyurethane Surface with 65% Polyester/35% Rayon Backing
FR STANDARDS MET	FMVSS 302; 95/28 Annex IV; California Technical Bulletin 117, Section E Class 1; UFAC Class 1; NFPA 260 Class 1

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734900	5852	Jasper	30 yd.	16.8 oz./ly.	54 in.
734901	5750	Polar	30 yd.	16.8 oz./ly.	54 in.
734902	3823	Aztec	30 yd.	16.8 oz./ly.	54 in.
734905	4523	Travertine	30 yd.	16.8 oz./ly.	54 in.
734907	3160	Durango	30 yd.	16.8 oz./ly.	54 in.
734909	5749	Black Onyx	30 yd.	16.8 oz./ly.	54 in.
734911	3024	Chamois Distressed	30 yd.	16.8 oz./ly.	54 in.
734912	3134	Buckskin Distressed	30 yd.	16.8 oz./ly.	54 in.
734913	3972	Lasso Distressed	30 yd.	16.8 oz./ly.	54 in.
734914	3970	Chaps Distressed	30 yd.	16.8 oz./ly.	54 in.
734915	3980	Waylan Distressed	30 yd.	16.8 oz./ly.	54 in.
734917	3978	Prairie Fire Distressed	30 yd.	16.8 oz./ly.	54 in.

Brisa® is a registered trademark of Ultrafabrics, LLC.

ULTRA LIFESTYLE COLLECTION PROMESSA HIGH UV

The Ultra Lifestyle Collection is a group of luxurious simulated leather fabrics that are formulated to resist fading and spotting over extended periods of direct sunlight. The collection includes Brisa® Outdoor, Ultraleather™ Outdoor, and Promessa Outdoor, all virtually flawless under 1,400 hours of solar exposure and resistant to mold and mildew.

Durable and scratch resistant, these soft and beautiful fabrics also retain suppleness over time with an anti-mildew agent. These fabrics not only look and feel great, they're also environmentally friendly. They do not contain plasticizers, heavy metals, or stabilizers, and are free of VOCs (CA 01350 compliant), POPs, HFRs (Halogenated Flame Retardants) and formaldehyde. Since most spills and stains clean easily with mild detergent and water, there's no worry about toxic chemicals and harsh cleaners polluting the air. The process used to create Brisa Outdoor, Brisa Distressed Outdoor, Promessa Outdoor and Ultraleather Outdoor is also friendly to the environment – 99% of all solvents used in production are captured and recycled.

FABRIC	100% Polyurethane Surface with 65% Polyester/35% Rayon Backing
FR STANDARDS MET	FMVSS 302; California Technical Bulletin 117, Section E Class 1; UFAC Class 1; NFPA 260 Class 1

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734923	5805	Ermine	30 yd.	17.3 oz./ly.	54 in.
734924	2693	Marine Midnight	30 yd.	17.3 oz./ly.	54 in.
734925	3619	Linen	30 yd.	17.3 oz./ly.	54 in.
734926	5765	New Moon	30 yd.	17.3 oz./ly.	54 in.

Brisa® is a registered trademark of Ultrafabrics, LLC.

NAUTOLEX® CAPITANO™ MARINE VINYL UPHOLSTERY

Capitano is formulated with quality pigments and additives to resist fading, bacteria and mildew growth. The colors selected for Capitano coordinate with all of today's interior carpeting, exterior gel systems, graphics and interior trim components. The sturdy, expanded construction utilizes a heavy-duty, 100% polyester filament backing that has superior strength and great stretch and set qualities. It is perfect for today's seat designs, which involve tailoring around tight corners. It has a durable skin layer, which is resistant to picking and abrasion and cleans easily.

FABRIC	100% Polyester
FINISH	Vinyl
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734311	513658 (44800000)	Cloud	40 yd.	30 oz./ly.	54 in.
734312	514006 (44800100)	Conch Shell	40 yd.	30 oz./ly.	54 in.
734313	513903 (44800200)	Sand Dollar	40 yd.	30 oz./ly.	54 in.
734314	513905 (44800300)	Vanilla	40 yd.	30 oz./ly.	54 in.
734316	513938 (44800500)	Sandrift	40 yd.	30 oz./ly.	54 in.
734317	513783 (44800600)	Gray Light	40 yd.	30 oz./ly.	54 in.
734318	513832 (44800700)	Cyberspace	40 yd.	30 oz./ly.	54 in.
734319	514287 (44800800)	Sand Shell	40 yd.	30 oz./ly.	54 in.
734322	519970 (44919200)	Beach White	40 yd.	30 oz./ly.	54 in.
734323	513952 (45869000)	Daredevil	40 yd.	30 oz./ly.	54 in.
734325	514009 (45869200)	Galapagos	40 yd.	30 oz./ly.	54 in.
734326	513887 (45869300)	Techno Gray	40 yd.	30 oz./ly.	54 in.
734327	513846 (45869400)	Blue Chip	40 yd.	30 oz./ly.	54 in.
734328	513900 (45869500)	Eclipse	40 yd.	30 oz./ly.	54 in.
734329	513659 (45869600)	Riviera	40 yd.	30 oz./ly.	54 in.
734330	513936 (45869700)	Red Chile	40 yd.	30 oz./ly.	54 in.
734331	513937 (45869800)	Totally Tan	40 yd.	30 oz./ly.	54 in.
734332	513660 (45869900)	Lemon Drop	40 yd.	30 oz./ly.	54 in.
734334	517586 (49207000)	Marooned	40 yd.	30 oz./ly.	54 in.
734336	517585 (49206800)	Heron	40 yd.	30 oz./ly.	54 in.
734337	517587 (49207100)	Nuance	40 yd.	30 oz./ly.	54 in.
734344	517583 (49206600)	Cornerstone	40 yd.	30 oz./ly.	54 in.
734345	517589 (49207300)	Party Pink	40 yd.	30 oz./ly.	54 in.
734346	517588 (49207200)	Parakeet	40 yd.	30 oz./ly.	54 in.
734347	517584 (49206700)	Daiquiri	40 yd.	30 oz./ly.	54 in.
734348	517591 (49207500)	Rain	40 yd.	30 oz./ly.	54 in.
734349	517593 (49207700)	Wild Orchid	40 yd.	30 oz./ly.	54 in.
734357	57582 (49206500)	Cancun Blue	40 yd.	30 oz./ly.	54 in.
734358	517590 (49207400)	Pennywise	40 yd.	30 oz./ly.	54 in.
734359	517592 (49207600)	Root Beer	40 yd.	30 oz./ly.	54 in.
734362	518236 (48562200)	Cityscape	40 yd.	30 oz./ly.	54 in.
734363	517910 (49206900)	Mandarin	40 yd.	30 oz./ly.	54 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc. Capitano™ is a trademark of OMNOVA Solutions, Inc.

NAUTOLEX® CAPITANO™ CHANNELING

Nautolex Capitano Channeling is a 1-1/2 inch wide handsomely styled, quilted fabric. It exhibits outstanding resistance to stains, abrasion, scuffing and burnishing, and it cleans up easily. It is formulated with the highest quality pigments and additives to resist fading, bacteria and mildew growth.

FABRIC	Coated Polyester Net Backing
FINISH	Vinyl
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734280	448001	Conch Shell	20 yd.	37.3 oz.	54 in.
734283	448000	Cloud White	20 yd.	37.3 oz.	54 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc. Capitano™ is a trademark of OMNOVA Solutions, Inc.



NAUTOLEX® CAPITANO™ HYDEM GIMP

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
515820	448001	Conch Shell	25 yd.	3/4 in.
515822	448000	Cloud	25 yd.	3/4 in.
515824	448006	Gray Light	25 yd.	3/4 in.
515825	449192	Beach White	25 yd.	3/4 in.
515828	448007	Cyberspace	25 yd.	3/4 in.
515830	448008	Sandshell	25 yd.	3/4 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc. Capitano™ is a trademark of OMNOVA Solutions, Inc.



NAUTOLEX® SOFDURA

SofDura is a heavy weight marine grade upholstery product with a softer than average hand. Superior durability for heavy-duty areas such as seating and backing. Water repellent and excellent resistance to abrasion, scuffing, mildew and fading caused by UV exposure. Protected with the unique PreFixx® protective finish that resists staining and provides exceptional ease of cleaning. 100% polyester filament backing.

FABRIC	100% Polyester Knit
FINISH	PreFixx®
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734213	472137	Iron	40 yd.	36 oz./ly.	54 in.
734214	514472 (483463)	Canvas	40 yd.	36 oz./ly.	54 in.
734215	517576 (492058)	Calm	40 yd.	36 oz./ly.	54 in.
734217	517578 (492060)	Dew	40 yd.	36 oz./ly.	54 in.
734218	525671 (492061)	Dusk	40 yd.	36 oz./ly.	54 in.
734219	517579 (492062)	Mineral	40 yd.	36 oz./ly.	54 in.
734225	520201 (458705)	Aluminum	40 yd.	36 oz./ly.	54 in.
734230	514444 (458710)	Mystic White	40 yd.	36 oz./ly.	54 in.
734231	520200 (458711)	Shell	40 yd.	36 oz./ly.	54 in.
734235	458715	Stone	40 yd.	36 oz./ly.	54 in.
734249	515324 (490669)	Dolphin	40 yd.	36 oz./ly.	54 in.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions Inc.

NAUTOLEX® SOFDURA CHANNELING

Trim and cushion insert design.

FABRIC	100% Polyester Knit
FINISH	PreFixx®
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734256	734256	Mystic White	20 yd.	37.3 oz.	54 in.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions Inc.

NAUTOLEX® VOYAGER®

The finest marine grade vinyl, Nautolex Voyager is coated with a PreFixx® protective finish so it can be cleaned easily, over and over, without showing signs of wear. The special finish provides excellent stain, scuff and abrasion resistance. And, it protects against damaging UV rays to assure long-lasting bright colors. Applications include exterior or interior cushions, boat seat covers, pillows and more.

FABRIC	Marine Grade Coated Vinyl
FINISH	PreFixx®
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
733066	518427	Mystic White	40 yd.	30 oz./ly.	54 in.
733068	513716	Off White	40 yd.	30 oz./ly.	54 in.

Nautolex®, Voyager® and PreFixx® are registered trademarks of OMNOVA Solutions, Inc.

NAUTOLEX® VOYAGER CHANNELING

This fabric's special PreFixx® protective finish provides excellent stain, scuff and abrasion resistance, and protects against damaging UV rays to assure long-lasting colors.

FABRIC	Nautolex Voyager with 6.6 oz. polyester backing
FINISH	PreFixx®
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734275	NAU771	Mystic White	20 yd.	33 oz.	54 in.
734277	NAU773	Off White	20 yd.	33 oz.	54 in.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions Inc.

NAUTOLEX® HEADLINER

This headliner fabric is produced from top-quality upholstery fabric with a 1/4 in. poly-ether urethane foam that is flame laminated to the backside and stabilized to minimize the hardening and drying that is common in other foams. It also has an antimicrobial treatment to prevent the growth of mold and mildew. As a result, this headliner fabric will stand up to the high temperatures and moist conditions of harsh marine environments.

FABRIC	Capitano Marine Vinyl, flame laminated with 1/4 in. poly-ether urethane foam
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FINISH PreFixx®

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
733125	Cloud White	40 yd.	33 oz./ly.	54 in.
733126	Conch Shell	40 yd.	33 oz./ly.	54 in.

High quality adhesives should be used with the headliner fabric and care must be taken to avoid pooling of adhesive on the headliner fabric or the surface the fabric is to be secured to.

Nautolex® and PreFixx® are registered trademarks of OMNOVA Solutions Inc.



Nautolex Under Lining

NAUTOLEX® UNDERLINING

Highly durable fabric used by seat manufacturers to cover boat seat bottoms, hiding springs and screws from sight.

FABRIC	Polyester Mesh
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FINISH Textured Matte Vinyl

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734302	524148 (31694800)	Black	100 yd.	8.4 oz./ly.	54 in.
734303	524146 (38564600)	Light Gray	100 yd.	8.4 oz./ly.	54 in.
734304	522288 (39096400)	White	100 yd.	8.4 oz./ly.	54 in.
734305	524147 (42351900)	Almond	100 yd.	8.4 oz./ly.	54 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc.

NAUTOLEX® MARINE FLOORING

Nautolex Marine Flooring is non-absorbent, impervious to gasoline, oil and battery acid. UV, mildew and water resistance enable these materials to last many years out in sun, salt water and other harsh weather elements. It has a no-slip texture and is ergonomic.

FABRIC	Vinyl
FINISH	Acrylic Top Coat
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
734391	522755 (323987)	Shark	25 yd.	24 oz.	72 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc.

CANVEX®

A translucent, reinforced plastic sheeting manufactured by weaving high-density polyethylene ribbons and coating them with a low-density polyethylene. This special weaving process produces a highly tear-resistant film that allows the ribbons to shift and “bunch up” in response to a tearing force. Canvex is commonly used for applications requiring exceptional tear resistance and minimal weight, including use on construction sites to enclose buildings and cover materials during construction. Other common applications for Canvex include temporary walls, abatement enclosures, equipment covers, silage and cargo covers, carpet and product wrappings, curtains, and insulation membranes. Also used as inexpensive pattern cloth.

FABRIC	High Density Reinforced Polyethylene
FINISH	Low Density Polyethylene

ITEM #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
971651	Canvex II	Clear	100 yd.		72 in.
971652	Canvex I	Clear	100 yd.	2.31 oz.	81 in.

Canvex® is a registered trademark of Raven Industries.

PATTERN FABRIC

Lightweight fabric designed for short-term tarps and similar applications. With its strong and flexible composition, Pattern Fabric material works great on any job, anywhere. Its unique non-stretch translucent composition allows you to quickly produce accurate patterns.

FABRIC	Woven Clear HDPE Scrim
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ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
971655	Clear	50 yd.	3 oz.	144 in.

AGGRESSOR MARINE CARPETING

The Aggressor Collection meets the most rigorous durability requirements for the marine industry. Offered in a variety of colors, Aggressor's yarn is highly UV stabilized and resists stains.

Aggressor is available with a Grey Tuf Loc glue-in backing designed for superior tuft lock and ravel reduction. The Grey Tuf Loc backing is lightweight, drains easily and is flexible for molding to odd contours. Select Aggressor colors are available with Aqua Trac backing. This non-skid backing allows water to drain and is baked on to the carpet so it will not delaminate, crack or wrinkle.

Items are drop ship only.

FABRIC	100% UV Stabilized Polypropylene/Olefin
FR STANDARDS MET	MVSS-302

ITEM #	STYLE #	DESCRIPTION	COLOR	WEIGHT	WIDTH
734120	6012	Grey Tuf Loc	Sand	16 oz.	72 in.
734121	6836	Grey Tuf Loc	True Mica Mist	16 oz.	72 in.
734122	6743	Grey Tuf Loc	Midnight Star	16 oz.	72 in.
734123	6202	Grey Tuf Loc	Charcoal	16 oz.	84 in.
734124	6005	Grey Tuf Loc	Black	16 oz.	72 in.
734125	6586	Grey Tuf Loc	Jasmine	16 oz.	72 in.
734127	6140	Grey Tuf Loc	Storm	16 oz.	84 in.
734128	6393	Grey Tuf Loc	Corona	16 oz.	72 in.
734136	6836	Grey Tuf Loc	True Mica Mist	16 oz.	96 in.
734140	6586	Grey Tuf Loc	Jasmine	16 oz.	96 in.
734141	6140	Grey Tuf Loc	Storm	16 oz.	96 in.
734142	6393	Grey Tuf Loc	Corona	16 oz.	96 in.
734143	6743	Grey Tuf Loc	Midnight Star	16 oz.	96 in.
734151	6291	Aqua Trac	Tumbleweed	16 oz.	144 in.
734153	6743	Aqua Trac	Midnight Star	16 oz.	144 in.
734154	6836	Aqua Trac	True Mica Mist	16 oz.	144 in.
734160	6012	Grey Tuf Loc	Sand	16 oz.	96 in.

BERBER-STYLE MARINE CARPETING

The Berber look is created with variegated neutral colors in two patterns to coordinate with any interior or cockpit. Dunes is backed with a specially developed non glue-down backing called Aqua Trac. This non-skid backing allows water to drain, and is baked on to the carpet so it will not delaminate, crack or wrinkle.

Items are drop ship only.

FABRIC	100% UV Stabilized Polypropylene/Olefin
WARRANTY	3-Year

ITEM #	DESCRIPTION	COLOR	WEIGHT	WIDTH
733980	Dunes	Pebble	28 oz.	144 in.

PLATINUM II MARINE CARPETING

The Platinum II Collection is offered with Aqua Trac backing.

Items are drop ship only.

FABRIC	100% UV Stabilized Polypropylene/Olefin
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ITEM #	STYLE #	COLOR	WEIGHT	WIDTH
734161	9230	Mocha	24 oz.	144 in.
734162	9554	Blue Grey	24 oz.	144 in.
734163	9837	Ash	24 oz.	144 in.

MICHIGAN CLOTH – CORDURA®

Cordura Plus is a textured nylon for a natural spun-like appearance, with excellent resistance to abrasion, rot and mildew. Quick drying, and highly water-repellent.

Suggested Uses: Courier bags, insulated food service carriers, gun cases, stuff bags, camera bags, wallets, duffel bags, soft-sided luggage, purses, handbags, horse blankets, police and air and sea rescue supply bags, surfboard/ski carrying bags, sporting goods and equipment.

FABRIC	1000-Denier Cordura® Nylon
FINISH	0.75 oz. Urethane Coated, DWR

ITEM #	COLOR	DENIER	PUT UP	WEIGHT	WIDTH
726127	Marigold	1000 UR	50 yd.	9.1 oz.	59 in.
726128	White	1000 UR	50 yd.	9.1 oz.	59 in.
726129	Dark Navy	1000 UR	50 yd.	9.1 oz.	59 in.
726130	Royal	1000 UR	50 yd.	9.1 oz.	59 in.
726132	Red	1000 UR	50 yd.	9.1 oz.	59 in.
726134	Dark Brown	1000 UR	50 yd.	9.1 oz.	59 in.
726135	Green	1000 UR	50 yd.	9.1 oz.	59 in.
726137	Black	1000 UR	50 yd.	9.1 oz.	59 in.
726138	Navy	1000 UR	50 yd.	9.1 oz.	59 in.
726140	Burgundy	1000 UR	50 yd.	9.1 oz.	59 in.
726142	Gray	1000 UR	50 yd.	9.1 oz.	59 in.
726147	Electric Blue	1000 UR	50 yd.	9.1 oz.	59 in.
726162	Forest Green	1000 UR	50 yd.	9.1 oz.	59 in.
726170*	WWII Autumn Camo Print	1000 D	50 yd.	10.5 oz.	59 in.

*726170 - 1.5 oz. Urethane Coating

Cordura® is a registered trademark of INVISTA.

CALIFORNIA OXFORD CLOTH

Lightweight, water-repellent nylon oxford ideal for linings, lightweight bags and promotional items.

FABRIC	210-Denier Nylon
FINISH	Urethane Coated, DWR

ITEM #	STYLE #	COLOR	DENIER	PUT UP	WEIGHT	WIDTH
726450	210D	White	210 D	100 yd.	4 oz.	58 in.
726452	210D	Black	210 D	100 yd.	4 oz.	58 in.
726454	210D	Forest Green	210 D	100 yd.	4 oz.	58 in.
726456	210D	Electric Blue	210 D	100 yd.	4 oz.	58 in.
726457	210D	Tan	210 D	100 yd.	4 oz.	58 in.
726458	210D	Red	210 D	100 yd.	4 oz.	58 in.
726461	210D	Royal Electric Blue	210 D	100 yd.	4 oz.	58 in.
726462	210D	Navy	210 D	100 yd.	4 oz.	58 in.

OHIO PACK CLOTH

Excellent dye fastness. The 1/2 to 3/4 ounce urethane coating gives superior water repellency, while maintaining a soft hand and lightweight construction. Rot and mildew resistant.

FABRIC	400-Denier Nylon
FINISH	1/2-3/4 oz. Urethane Coating, DWR

ITEM #	COLOR	DENIER	PUT UP	WEIGHT	WIDTH
724600	Royal Blue	400 UR	100 yd.	6.2 oz.	59 in.
724602	Red	400 UR	100 yd.	6.2 oz.	59 in.
724607	Black	400 UR	100 yd.	6.2 oz.	59 in.
724609	Orange	400 UR	100 yd.	6.2 oz.	59 in.
724617	White	400 UR	100 yd.	6.2 oz.	59 in.
724623	Charcoal Gray	400 UR	100 yd.	6.2 oz.	59 in.

KENTUCKY PACK CLOTH

FABRIC	420-Denier Nylon
FINISH	3/4 oz. Urethane Coated, DWR

ITEM #	COLOR	DENIER	PUT UP	WEIGHT	WIDTH
726200	White	420 SD	70 yd.	5.2 oz.	58 in.
726202	Black	420 SD	70 yd.	5.2 oz.	58 in.
726204	Forest Green	420 SD	70 yd.	5.2 oz.	58 in.
726207	Orange	420 SD	70 yd.	5.2 oz.	58 in.
726208	Coffee Brown	420 SD	70 yd.	5.2 oz.	58 in.
726210	Burgundy	420 SD	70 yd.	5.2 oz.	58 in.
726211	Electric Blue	420 SD	70 yd.	5.2 oz.	58 in.
726212	Light Navy	420 SD	70 yd.	5.2 oz.	58 in.
726215	Charcoal	420 SD	70 yd.	5.2 oz.	58 in.
726219	Yellow	420 SD	70 yd.	5.2 oz.	58 in.
726223	True Red	420 SD	70 yd.	5.2 oz.	58 in.
726224	Fluorescent Orange	420 SD	70 yd.	5.2 oz.	58 in.
726225	Foliage Green	420 SD	70 yd.	5.2 oz.	58 in.
726228	Chocolate Chip Camo	420 SD	70 yd.	5.2 oz.	58 in.
726229	Woodland Camo	420 SD	70 yd.	5.2 oz.	58 in.

OREGON OXFORD CLOTH

A fabric made from Type 6,6 Semi-Dull Nylon Yarn. This popular lightweight construction is urethane back-coated, rendering a good degree of water repellency while maintaining a soft hand. Not affected by rot or mildew.

Suggested Uses: Bicycle bags, storage covers, apparel, duffel bags, wallets, backpacks, ski-cases and handbags.

FABRIC	200-Denier Nylon
FINISH	1/2-3/4 oz. Urethane Coating, DWR

ITEM #	COLOR	DENIER	PUT UP	WEIGHT	WIDTH
724321	Red	200 UR	100 yd.	3.5 oz.	59 in.
724322	Black	200 UR	100 yd.	3.5 oz.	59 in.
724323	Navy Blue	200 UR	100 yd.	3.5 oz.	59 in.
724330	White	200 UR	100 yd.	3.5 oz.	59 in.
724337	Forest Green	200 UR	100 yd.	3.5 oz.	59 in.

NYLON TAFFETA

A good choice when a lightweight yarn with a firm hand is needed. This 70-Denier nylon taffeta can be used in applications such as purses, bags, cases and storage covers.

FABRIC	70-Denier Nylon Taffeta
FINISH	PVC Backed

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
724792	Black	70 yd.	9.4 oz.	58 in.

MONTANA CLOTH

An economical alternative for the 1000-Denier nylon fabrics, Montana is a water-resistant fabric with excellent resistance to scuffing and pilling. It stands up to demanding use and has a long-lasting colorfastness.

Suggested Uses: Bags and soft-sided luggage.

FABRIC	960-Denier x 1080-Denier Textured Polyester
FINISH	1.0-1.25 oz. Urethane Coated, DWR

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
726420	Black	60 yd.	11 oz.	60 in.

TEXAS CLOTH

FABRIC	600-Denier x 300-Denier Polyester
FINISH	Embossed Vinyl Backing

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
726261	Coyote Brown	50 yd.	11.78 oz.	57 in.
726262	Woodland Camo	50 yd.	11.78 oz.	57 in.
726264	Tan	50 yd.	11.78 oz.	57 in.
726265	Orange	50 yd.	11.78 oz.	57 in.
726266	Royal Blue	50 yd.	11.78 oz.	57 in.
726267	Forest Green	50 yd.	11.78 oz.	57 in.
726268	Purple	50 yd.	11.78 oz.	57 in.
726269	Burgundy	50 yd.	11.78 oz.	57 in.
726270	Red	50 yd.	11.78 oz.	57 in.
726271	Black	50 yd.	11.78 oz.	57 in.
726273	Charcoal	50 yd.	11.78 oz.	57 in.
726274	White	50 yd.	11.78 oz.	57 in.
726277	Light Navy	50 yd.	11.78 oz.	57 in.

TEXTURED NYLON

Suggested Uses: Courier bags, insulated food service carriers, gun cases, stuff bags, camera bags, wallets, duffel bags, soft-sided luggage, purses/handbags, horse blankets, police and air and sea rescue supply bags, surfboard/ski carrying bags, sporting goods and equipment.

FABRIC	1000-Denier Nylon
FINISH	1 oz. Urethane, DWR

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
724288	Yellow	50 yd.	8.9 oz.	59-60 in.
724291	Navy	50 yd.	8.9 oz.	59-60 in.
724292	Black	50 yd.	8.9 oz.	59-60 in.
724293	Red	50 yd.	8.9 oz.	59-60 in.
724294	Royal	50 yd.	8.9 oz.	59-60 in.

AWNTEX® 70

Ideal for awning and umbrella applications. AwnTex gives excellent shading advantages with out trapping heat or airflow. Ultraviolet ray, mildew and water resistant.

AwnTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer.

FABRIC	Vinyl Encapsulated Polyester
FR STANDARDS MET	California State Fire Marshal Title 19
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
863201	Z81	Black	17 x 11	30 yd.	11.7 oz.	60 in.
863203	HY0	Royal Blue	17 x 11	30 yd.	11.7 oz.	60 in.
863206	OC2	White	17 x 11	30 yd.	11.7 oz.	60 in.
863209	OF1	Almond	17 x 11	30 yd.	11.7 oz.	60 in.
863215	Z24	Ash Gray	17 x 11	30 yd.	11.7 oz.	60 in.
863218	D70	Spruce Green	17 x 11	30 yd.	11.7 oz.	60 in.
863224	M97	Terra Cotta	17 x 11	30 yd.	11.7 oz.	60 in.
863225	EF1	Beige	17 x 11	30 yd.	11.7 oz.	60 in.
863226	KM1	Red	17 x 11	30 yd.	11.7 oz.	60 in.
863227	L41	Navy	17 x 11	30 yd.	11.7 oz.	60 in.

AwnTex® is a registered trademark of Glen Raven, Inc. Microban® is a registered trademark of Microban Products Company.

AWNTEX® 120

Ideal for awning and umbrella applications. AwnTex gives excellent shading advantages with out trapping heat or airflow. Ultraviolet ray, mildew and water resistant.

AwnTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer.

FABRIC	Vinyl Encapsulated Polyester
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
863308	KB3	Terra Cotta	36 x 18	30 yd.	16.8 oz.	60 in.
863309	812	Camel	36 x 18	30 yd.	16.8 oz.	60 in.
863310	X04	Black	36 x 18	30 yd.	16.8 oz.	60 in.
863311	G00	Royal Blue	36 x 18	30 yd.	16.8 oz.	60 in.
863312	000	White	36 x 18	30 yd.	16.8 oz.	60 in.
863314	983	Almond/Brown Tweed	36 x 18	30 yd.	16.8 oz.	60 in.
863315	186	Almond	36 x 18	30 yd.	16.8 oz.	60 in.
863318	A20	Brown	36 x 18	30 yd.	16.8 oz.	60 in.
863320	X11	Ash Gray	36 x 18	30 yd.	16.8 oz.	60 in.
863339	984	Spruce Green/Bittersweet Tweed	36 x 18	30 yd.	16.8 oz.	60 in.
863340	C09	Spruce Green	36 x 18	30 yd.	16.8 oz.	60 in.
863350	KB2	Burgundy	36 x 18	30 yd.	16.8 oz.	60 in.

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
863354	983	Almond/Brown Tweed	36 x 18	30 yd.	16.8 oz.	98 in.
863355	186	Almond	36 x 18	30 yd.	16.8 oz.	98 in.

AwnTex® is a registered trademark of Glen Raven, Inc. Microban® is a registered trademark of Microban Products Company.

AWNTEX® 160

Ideal for awning and umbrella applications. AwnTex gives excellent shading advantages with out trapping heat or airflow. Ultraviolet ray, mildew and water resistant.

AwnTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer.

FABRIC	Vinyl Encapsulated Polyester
FR STANDARDS MET	California State Fire Marshal Title 19
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	FABRIC			
			COUNT	PUT UP	WEIGHT	WIDTH
863400	EF5	Winter Wheat	36 x 16	30 yd.	14.3 oz.	60 in.
863401	DM2	Pine Green	36 x 16	30 yd.	14.3 oz.	60 in.
863402	EF6	Beige	36 x 16	30 yd.	14.3 oz.	60 in.
863403	EF7	Brown	36 x 16	30 yd.	14.3 oz.	60 in.
863404	ODY	White	36 x 16	30 yd.	14.3 oz.	60 in.
863405	XM2	Gray	36 x 16	30 yd.	14.3 oz.	60 in.
863406	ODZ	Alabaster	36 x 16	30 yd.	14.3 oz.	60 in.
863407	L42	Royal Blue	36 x 16	30 yd.	14.3 oz.	60 in.
863408	EF8	Desert Tan	36 x 16	30 yd.	14.3 oz.	60 in.
863409	XYM	Black	36 x 16	30 yd.	14.3 oz.	60 in.
863410	DM3	Dark Green	36 x 16	30 yd.	14.3 oz.	60 in.

AwnTex® is a registered trademark of Glen Raven, Inc. Microban® is a registered trademark of Microban Products Company.



PHIFERTEX®

PhiferTex is ideal for lawn and patio furniture, umbrellas, office furniture, orthopedic equipment, upholstery, safety vests, and unique heat-filtering awnings.

PhiferTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997136	A40	Spice	17 x 11	60 yd.	11.7 oz.	54 in.
997141	G00	Royal Blue	17 x 11	60 yd.	11.7 oz.	54 in.
997142	000	White	17 x 11	60 yd.	11.7 oz.	54 in.
997143	406	Yellow	17 x 11	60 yd.	11.7 oz.	54 in.
997145	186	Almond	17 x 11	60 yd.	11.7 oz.	54 in.
997146	412	Orange	17 x 11	60 yd.	11.7 oz.	54 in.
997147	G01	Navy	17 x 11	60 yd.	11.7 oz.	54 in.
997148	800	Brown	17 x 11	60 yd.	11.7 oz.	54 in.
997149	812	Camel	17 x 11	60 yd.	11.7 oz.	54 in.
997150	X11	Ash Gray	17 x 11	60 yd.	11.7 oz.	54 in.
997152	X04	Black	17 x 11	60 yd.	11.7 oz.	54 in.
997171	C09	Spruce	17 x 11	60 yd.	11.7 oz.	54 in.
997173*	M96	Red	17 x 11	60 yd.	11.7 oz.	54 in.
997235	X00	Gray Sand	17 x 11	60 yd.	11.7 oz.	54 in.

*997173 - Trivantage® makes no claim as to the colorfastness of M96 Red. Customer should determine suitability of fabric to needs.

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PHIFERTEX® PLUS

Designed especially for sling and umbrella applications.

PhiferTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997108	X00	Grey Sand	42 x 12	60 yd.	16.5 oz.	54 in.
997121	000	White	42 x 12	60 yd.	16.5 oz.	54 in.
997122	CL1	Holly Green	42 x 12	60 yd.	16.5 oz.	54 in.
997123	406	Yellow	42 x 12	60 yd.	16.5 oz.	54 in.
997124	GP5	Navy Pier	42 x 12	60 yd.	16.5 oz.	54 in.
997125	G00	Royal Blue	42 x 12	60 yd.	16.5 oz.	54 in.
997129	OY3	Stucco	42 x 12	60 yd.	16.5 oz.	54 in.
997288	KF4	Snappy	42 x 12	60 yd.	16.5 oz.	54 in.
997289	DB6	Garden Green	42 x 12	60 yd.	16.5 oz.	54 in.
997295	KG4	Salsa	42 x 12	60 yd.	16.5 oz.	54 in.
997298	X04	Black	42 x 12	60 yd.	16.5 oz.	54 in.
997299	BH4	Burlap	42 x 12	60 yd.	16.5 oz.	54 in.
997300	OHK	Metallica Reveire White	42 x 14	60 yd.	16.5 oz.	54 in.

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997301	LBY	Straw Mat Blue	42 x 14	60 yd.	16.5 oz.	54 in.
997302	KK3	Metallica Salsa	42 x 12	60 yd.	16.5 oz.	54 in.
997314	XXG	Metallica Smoke	42 x 14	60 yd.	16.5 oz.	54 in.
997315	KT1	Dupione Spice	42 x 14	60 yd.	16.5 oz.	54 in.
997316	L96	Dupione Sapphire	42 x 14	60 yd.	16.5 oz.	54 in.
997555	L37	Dupione Poolside	42 x 12	60 yd.	16.5 oz.	54 in.
997557	DJ7	Dupione Kiwi	42 x 12	60 yd.	16.5 oz.	54 in.

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PHIFERTEX® STRIPES

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® certified for low chemical emissions. UL.Com/GG, UL2818.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117, Section E
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997137	687	Charisma Citrus	42 x 14	60 yd.	16.5 oz.	54 in.
997138	DW3	Sumi Sea Mist	42 x 14	60 yd.	16.5 oz.	54 in.
997139	LAN	Leena Indigo	42 x 14	60 yd.	16.5 oz.	54 in.
997466	XUQ	Skyline Stripe Verde	42 x 14	60 yd.	16.5 oz.	54 in.
997468	XUM	Coastline Peacock	42 x 14	60 yd.	16.5 oz.	54 in.
997550	L38	Delray Stripe Poolside	42 x 14	60 yd.	16.5 oz.	54 in.
997551	DJ6	Delray Stripe Kiwi	42 x 14	60 yd.	16.5 oz.	54 in.
997552	DJ5	Delray Stripe Conch	42 x 14	60 yd.	16.5 oz.	54 in.
997613	EY0	Pulse Kiwi	42 x 14	60 yd.	16.5 oz.	54 in.
997614	EY1	Pulse Dahlia	42 x 14	60 yd.	16.5 oz.	54 in.
997616	YAC	Tempo Stone	42 x 14	60 yd.	16.5 oz.	54 in.
997617	LBX	Winsted Stripe Beach	42 x 14	60 yd.	16.5 oz.	54 in.
997618	NH3	Whatley Dune	42 x 14	60 yd.	16.5 oz.	54 in.
997619	NH4	Martindale Pewter	42 x 14	60 yd.	16.5 oz.	54 in.

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SHEERWEAVE® 1000

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. The unique light-filtering qualities of SheerWeave help reduce fading of drapes, carpets and interior furnishings while continuing to offer a view of the outside.

A ribbed-weave fiberglass fabric that offers substantial shading while allowing excellent outward visibility and daytime privacy. Average openness 25%.

For Use In: Roll-up shades, Roman shades, folding shades, pleated shades, vertical blinds, drapes, sheers and screens.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance and NFPA 701 TM#2 (large scale), and ASTM E 84 (Class 1)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901965	P03	Antique White	30 yd.	8.8 oz.	36 in.
901968	P02	White	30 yd.	8.8 oz.	60 in.
901969	P03	Antique White	30 yd.	8.8 oz.	60 in.
901970	P03	Antique White	30 yd.	8.8 oz.	72 in.
901973	P02	White	30 yd.	8.8 oz.	36 in.
901977	P02	White	30 yd.	8.8 oz.	72 in.
901980	P02	White	30 yd.	8.8 oz.	84 in.
901981	P03	Antique White	30 yd.	8.8 oz.	84 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2000-01

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. The unique light-filtering qualities of SheerWeave help reduce fading of drapes, carpets and interior furnishings while continuing to offer a view of the outside.

A basket weave designed expressly for applications that require a more opaque and nondirectional fabric. An ideal fabric for roman shades, roll-ups and vertical blinds. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109 (large and small scale), ASTM E 84 (Class 1) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901500	Q10	Bronze	30 yd.	14.26 oz.	126 in.
901501	P02	White	30 yd.	14.26 oz.	126 in.
901799	P02	White	30 yd.	14.26 oz.	63 in.
901800	Q06	Bone/Platinum	30 yd.	14.26 oz.	72 in.
901801	P02	White	30 yd.	14.26 oz.	72 in.
901802	Q06	Bone/Platinum	30 yd.	14.26 oz.	72 in.
901803	V04	Platinum	30 yd.	14.26 oz.	72 in.
901804	P05	White/Platinum	30 yd.	14.26 oz.	72 in.
901805	Q10	Bronze	30 yd.	14.26 oz.	72 in.
901806	Q05	Bone	30 yd.	14.26 oz.	72 in.
901807	V21	Charcoal	30 yd.	14.26 oz.	72 in.
901808	V24	Charcoal/Chestnut	30 yd.	14.26 oz.	72 in.
901809	V22	Charcoal/Gray	30 yd.	14.26 oz.	72 in.
901810	P02	White	30 yd.	14.26 oz.	96 in.
901811	Q05	Bone	30 yd.	14.26 oz.	96 in.
901812	V04	Platinum	30 yd.	14.26 oz.	96 in.
901813	Q06	Bone/Platinum	30 yd.	14.26 oz.	96 in.
901814	P04	White/Bone	30 yd.	14.26 oz.	96 in.
901815	P05	White/Platinum	30 yd.	14.26 oz.	96 in.
901816	Q10	Bronze	30 yd.	14.26 oz.	96 in.
901817	V21	Charcoal	30 yd.	14.26 oz.	96 in.
901818	V24	Charcoal/Chestnut	30 yd.	14.26 oz.	96 in.
901819	V22	Charcoal/Gray	30 yd.	14.26 oz.	96 in.
901842	P04	White/Bone	30 yd.	14.26 oz.	63 in.
901843	P05	White/Platinum	30 yd.	14.26 oz.	63 in.
901844	Q05	Bone	30 yd.	14.26 oz.	63 in.
901845	Q06	Bone/Platinum	30 yd.	14.26 oz.	63 in.
901847	Q10	Bronze	30 yd.	14.26 oz.	63 in.
901848	V04	Platinum	30 yd.	14.26 oz.	63 in.
901849	V21	Charcoal	30 yd.	14.26 oz.	63 in.
901850	V22	Charcoal/Gray	30 yd.	14.26 oz.	63 in.
901851	V24	Charcoal/Chestnut	30 yd.	14.26 oz.	63 in.
901852	P02	White	30 yd.	14.26 oz.	98 in.
901853	P04	White/Bone	30 yd.	14.26 oz.	98 in.
901855	P05	White/Platinum	30 yd.	14.26 oz.	98 in.
901856	Q05	Bone	30 yd.	14.26 oz.	98 in.
901857	Q06	Bone/Platinum	30 yd.	14.26 oz.	98 in.
901858	Q10	Bronze	30 yd.	14.26 oz.	98 in.
901859	V04	Platinum	30 yd.	14.26 oz.	98 in.
901860	V21	Charcoal	30 yd.	14.26 oz.	98 in.
901861	V22	Charcoal/Gray	30 yd.	14.26 oz.	98 in.
901862	V24	Charcoal/Chestnut	30 yd.	14.26 oz.	98 in.

SHEERWEAVE® 2000-01 PRE-CUT

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. The unique light-filtering qualities of SheerWeave help reduce fading of drapes, carpets and interior furnishings while continuing to offer a view of the outside.

A basket weave designed expressly for applications that require a more opaque and nondirectional fabric. Pre-cut strips ideal for vertical blind applications. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109 (large and small scale), ASTM E 84 (Class 1) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901942	Q05	Bone	25 yd.	14.26 oz.	3.5 in.
901943	P02	White	25 yd.	14.26 oz.	3.5 in.
901944	Q06	Bone/Platinum	25 yd.	14.26 oz.	3.5 in.
901946	P05	White/Platinum	25 yd.	14.26 oz.	3.5 in.
901947	P04	White/Bone	25 yd.	14.26 oz.	3.5 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2100-01

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. The unique light-filtering qualities of SheerWeave help reduce fading of drapes, carpets and interior furnishings while continuing to offer a view of the outside.

A basket weave designed expressly for applications that require a more opaque and nondirectional fabric. An ideal fabric for roman shades, roll-ups and vertical blinds. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109 (large and small scale), ASTM E 84 (Class 1) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901820	P04	White/Bone	30 yd.	12.4 oz.	72 in.
901821	Q06	Bone/Platinum	30 yd.	12.4 oz.	72 in.
901822	Q10	Bronze	30 yd.	12.4 oz.	72 in.
901823	P02	White	30 yd.	12.4 oz.	72 in.
901824	Q05	Bone	30 yd.	12.4 oz.	72 in.
901825	V04	Platinum	30 yd.	12.4 oz.	72 in.
901826	V24	Charcoal/Chestnut	30 yd.	12.4 oz.	72 in.
901827	V21	Charcoal	30 yd.	12.4 oz.	72 in.
901828	P05	White/Platinum	30 yd.	12.4 oz.	72 in.
901863	P02	White	30 yd.	12.4 oz.	63 in.
901864	P04	White/Bone	30 yd.	12.4 oz.	63 in.
901865	P05	White/Platinum	30 yd.	12.4 oz.	63 in.
901866	Q05	Bone	30 yd.	12.4 oz.	63 in.
901867	Q06	Bone/Platinum	30 yd.	12.4 oz.	63 in.
901868	Q10	Bronze	30 yd.	12.4 oz.	63 in.
901869	V04	Platinum	30 yd.	12.4 oz.	63 in.
901871	V21	Charcoal	30 yd.	12.4 oz.	63 in.
901872	V22	Charcoal/Gray	30 yd.	12.4 oz.	63 in.
901873	V24	Charcoal/Chestnut	30 yd.	12.4 oz.	63 in.
901874	P02	White	30 yd.	12.4 oz.	98 in.
901875	P04	White/Bone	30 yd.	12.4 oz.	98 in.
901876	P05	White/Platinum	30 yd.	12.4 oz.	98 in.
901877	Q05	Bone	30 yd.	12.4 oz.	98 in.
901878	Q06	Bone/Platinum	30 yd.	12.4 oz.	98 in.
901879	Q10	Bronze	30 yd.	12.4 oz.	98 in.
901880	V04	Platinum	30 yd.	12.4 oz.	98 in.
901882	V21	Charcoal	30 yd.	12.4 oz.	98 in.
901883	V22	Charcoal/Gray	30 yd.	12.4 oz.	98 in.
901884	V24	Charcoal/Chestnut	30 yd.	12.4 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2100-01 PRE-CUT

SheerWeave sun control fabrics offer exciting alternatives to ordinary window coverings. The unique light-filtering qualities of SheerWeave help reduce fading of drapes, carpets and interior furnishings while continuing to offer a view of the outside.

A basket weave designed expressly for applications that require a more opaque and nondirectional fabric. Pre-cut strips ideal for vertical blind applications. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109 (large and small scale), ASTM E 84 (Class 1) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901829	Q05	Bone	25 yd.	12.4 oz.	3.5 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2360

Manufactured with ease of fabrication in mind, SheerWeave 2360 is a basket weave designed expressly for those applications that require a more opaque and non-directional fabric. An ideal fabric for Roman and pull-up shades. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901770	V24	Charcoal/Chestnut	30 yd.	10.5 oz.	98 in.
901771	Q20	Beige	30 yd.	10.5 oz.	98 in.
901772	P12	Oyster	30 yd.	10.5 oz.	98 in.
901773	P13	Oyster/Beige	30 yd.	10.5 oz.	98 in.
901774	V20	Pearl Gray	30 yd.	10.5 oz.	98 in.
901775	P14	Oyster/Pearl Gray	30 yd.	10.5 oz.	98 in.
901776	V21	Charcoal	30 yd.	10.5 oz.	98 in.
901778	V22	Charcoal/Gray	30 yd.	10.5 oz.	98 in.
901780	P12	Oyster	30 yd.	10.5 oz.	63 in.
901781	V20	Pearl Gray	30 yd.	10.5 oz.	63 in.
901782	V21	Charcoal	30 yd.	10.5 oz.	63 in.
901783	P13	Oyster/Beige	30 yd.	10.5 oz.	63 in.
901784	V24	Charcoal/Chestnut	30 yd.	10.5 oz.	63 in.
901785	V22	Charcoal/Gray	30 yd.	10.5 oz.	63 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2360 PRE-CUT

Manufactured with ease of fabrication in mind, SheerWeave 2360 is a basket weave designed expressly for those applications that require a more opaque and non-directional fabric. Pre-cut strips ideal for vertical blind application. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901740	P12	Oyster	25 yd.	10.5 oz.	3.5 in.
901789	P13	Oyster/Beige	25 yd.	10.5 oz.	3.5 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2390

Manufactured with ease of fabrication in mind, SheerWeave 2390 is a basket weave designed expressly for those applications that require a more opaque and non-directional fabric. An ideal fabric for Roman and pull-up shades. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901741	V22	Charcoal/Gray	30 yd.	11.8 oz.	98 in.
901742	P13	Oyster/Beige	30 yd.	11.8 oz.	98 in.
901743	V21	Charcoal	30 yd.	11.8 oz.	98 in.
901744	V24	Charcoal/Chestnut	30 yd.	11.8 oz.	98 in.
901745	P12	Oyster	30 yd.	11.8 oz.	98 in.
901746	V20	Pearl Gray	30 yd.	11.8 oz.	98 in.
901747	Q20	Beige	30 yd.	11.8 oz.	98 in.
901748	P14	Oyster/Pearl Gray	30 yd.	11.8 oz.	98 in.
901749	Q21	Beige/Pearl Gray	30 yd.	11.8 oz.	98 in.
901750	P14	Oyster/Pearl Gray	30 yd.	11.8 oz.	63 in.
901751	P13	Oyster/Beige	30 yd.	11.8 oz.	63 in.
901752	P12	Oyster	30 yd.	11.8 oz.	63 in.
901753	Q20	Beige	30 yd.	11.8 oz.	63 in.
901754	Q21	Beige/Pearl Gray	30 yd.	11.8 oz.	63 in.
901755	V24	Charcoal/Chestnut	30 yd.	11.8 oz.	63 in.
901790	V24	Charcoal/Chestnut	30 yd.	11.8 oz.	126 in.
901791	P12	Oyster	30 yd.	11.8 oz.	126 in.
901792	P14	Oyster/Pearl Gray	30 yd.	11.8 oz.	126 in.
901793	V21	Charcoal	30 yd.	11.8 oz.	126 in.
901794	V22	Charcoal/Gray	30 yd.	11.8 oz.	126 in.
901795	P13	Oyster/Beige	30 yd.	11.8 oz.	126 in.
901796	Q20	Beige	30 yd.	11.8 oz.	126 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2390 PERFORMANCE +

SheerWeave Performance + takes the performance of a traditional SheerWeave fabric "plus" the highly reflective properties of metalization and combines them to achieve the ultimate in sun control protection.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Metalized Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ ULC-S 109 (large and small scale) and CAN/CGSB2-4.162-M80
WARRANTY	5 Year Interior Only

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901760	P13	Oyster/Beige	30 yd.	11.8 oz.	96 in.
901761	V20	Pearl Gray	30 yd.	11.8 oz.	96 in.
901762	Q20	Beige	30 yd.	11.8 oz.	96 in.
901763	V22	Charcoal	30 yd.	11.8 oz.	63 in.
901765	Q20	Beige	30 yd.	11.8 oz.	63 in.

The metalized coating is fragile and must be handled with care to avoid damage. Do not scrub. Do not use tape, solvents or abrasive cleaners which could damage the fabric coating. Clean with a damp soft cloth using a mild detergent. Rinse with clean water and allow blind to dry in the down position. Do not slide metalized side across surfaces or into the cardboard tube without protective plastic wrapping. Do not use Radio Frequency sealing equipment on metalized fabric. Use only heat bars or ultrasonic sealing equipment for welding.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2410

A full basket weave designed expressly for those applications that require a more opaque and non-directional fabric, for example: roll-up shades, roller shades, Roman shades and vertical blinds. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901713	Q21	Beige/Pearl Grey	30 yd.	14.1 oz.	63 in.
901714	V24	Charcoal/Chestnut	30 yd.	14.1 oz.	63 in.
901715	P14	Oyster/Pearl Gray	30 yd.	14.1 oz.	63 in.
901716	V22	Charcoal/Gray	30 yd.	14.1 oz.	63 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901717	Q20	Beige	30 yd.	14.1 oz.	63 in.
901718	P12	Oyster	30 yd.	14.1 oz.	63 in.
901719	P13	Oyster/Beige	30 yd.	14.1 oz.	63 in.
901720	V20	Pearl Gray	30 yd.	14.1 oz.	63 in.
901721	P13	Oyster/Beige	30 yd.	14.1 oz.	98 in.
901722	V24	Charcoal/Chestnut	30 yd.	14.1 oz.	98 in.
901723	V21	Charcoal	30 yd.	14.1 oz.	98 in.
901724	V22	Charcoal/Gray	30 yd.	14.1 oz.	98 in.
901725	Q20	Beige	30 yd.	14.1 oz.	98 in.
901726	P14	Oyster/Pearl Gray	30 yd.	14.1 oz.	98 in.
901727	Q21	Beige/Pearl Grey	30 yd.	14.1 oz.	98 in.
901728	V20	Pearl Gray	30 yd.	14.1 oz.	98 in.
901729	V32	Charcoal/Alpaca	30 yd.	14.1 oz.	98 in.
901730	V24	Charcoal/Chestnut	30 yd.	14.1 oz.	126 in.
901731	P12	Oyster	30 yd.	14.1 oz.	126 in.
901732	P13	Oyster/Beige	30 yd.	14.1 oz.	126 in.
901733	V32	Charcoal/Alpaca	30 yd.	14.1 oz.	63 in.
901734	P14	Oyster/Pearl Gray	30 yd.	14.1 oz.	126 in.
901735	V22	Charcoal/Gray	30 yd.	14.1 oz.	126 in.
901736	Q20	Beige	30 yd.	14.1 oz.	126 in.
901737	P12	Oyster	30 yd.	14.1 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2410 PERFORMANCE +

SheerWeave Performance + takes the performance of a traditional SheerWeave fabric “plus” the highly reflective properties of metallization and combines them to achieve the ultimate in sun control protection.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won’t wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Metalized Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), ASTM E 84 (Class 1), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ ULC-S 109 (large and small scale) and CAN/CGSB2-4.162-M80
WARRANTY	5 Year Interior Only

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901764	V21	Charcoal	30 yd.	14.1 oz.	96 in.

The metalized coating is fragile and must be handled with care to avoid damage. Do not scrub. Do not use tape, solvents or abrasive cleaners which could damage the fabric coating. Clean with a damp soft cloth using a mild detergent. Rinse with clean water and allow blind to dry in the down position. Do not slide metalized side across surfaces or into the cardboard tube without protective plastic wrapping. Do not use Radio Frequency sealing equipment on metalized fabric. Use only heat bars or ultrasonic sealing equipment for welding.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2500

This full basket weave is designed for those applications that require more opaque and non-directional fabric. Ideal for roll-up shades, Roman shades and vertical blinds. Average openness 1%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won’t wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902490	P13	Oyster/Beige	30 yd.	16.25 oz.	63 in.
902491	P12	Oyster	30 yd.	16.25 oz.	63 in.
902492	Q21	Beige/Pearl Grey	30 yd.	16.25 oz.	63 in.
902495	V24	Charcoal/Chestnut	30 yd.	16.25 oz.	63 in.
902500	P13	Oyster/Beige	30 yd.	16.25 oz.	98 in.
902501	P12	Oyster	30 yd.	16.25 oz.	98 in.
902502	P14	Oyster/Pearl Gray	30 yd.	16.25 oz.	98 in.
902503	V21	Charcoal	30 yd.	16.25 oz.	98 in.
902504	V24	Charcoal/Chestnut	30 yd.	16.25 oz.	98 in.
902505	Q20	Beige	30 yd.	16.25 oz.	98 in.
902506	Q21	Beige/Pearl Grey	30 yd.	16.25 oz.	98 in.
902507	V20	Pearl/Gray	30 yd.	16.25 oz.	98 in.
902508	P13	Oyster/Beige	30 yd.	16.25 oz.	126 in.
902509	V24	Charcoal/Chestnut	30 yd.	16.25 oz.	126 in.
902510	V22		30 yd.	16.25 oz.	126 in.
902600	P12	Oyster	30 yd.	16.25 oz.	126 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2701

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 1%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901695	P92	Oyster/Chestnut	30 yd.	14.6 oz.	126 in.
901696	P28	Oyster/Charcoal	30 yd.	14.6 oz.	126 in.
901703	P13	Oyster/Beige	30 yd.	14.6 oz.	126 in.
901712	P12	Oyster	30 yd.	14.6 oz.	126 in.
902176	P14	Oyster/Pearl Grey	30 yd.	14.6 oz.	126 in.
902180	P13	Oyster/Beige	30 yd.	14.6 oz.	63 in.
902181	P92	Oyster/Chestnut	30 yd.	14.6 oz.	63 in.
902184	P28	Oyster/Charcoal	30 yd.	14.6 oz.	63 in.
902185	P13	Oyster/Beige	30 yd.	14.6 oz.	98 in.
902186	P92	Oyster/Chestnut	30 yd.	14.6 oz.	98 in.
902187	P28	Oyster/Charcoal	30 yd.	14.6 oz.	98 in.
902194	P14	Oyster/Pearl Grey	30 yd.	14.6 oz.	63 in.
902195	P14	Oyster/Pearl Grey	30 yd.	14.6 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2703

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901680	P12	Oyster	30 yd.	14 oz.	63 in.
901681	P28	Oyster/Charcoal	30 yd.	14 oz.	63 in.
901682	P92	Oyster/Chestnut	30 yd.	14 oz.	63 in.
901683	P13	Oyster/Beige	30 yd.	14 oz.	63 in.
901690	P91	Oyster/Pewter	30 yd.	14 oz.	98 in.
901691	P92	Oyster/Chestnut	30 yd.	14 oz.	98 in.
901692	P13	Oyster/Beige	30 yd.	14 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 2705

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901689	P14	Oyster/Pearl	30 yd.	11.8 oz.	126 in.
901697	P92	Oyster/Chestnut	30 yd.	11.8 oz.	126 in.
901698	P28	Oyster/Charcoal	30 yd.	11.8 oz.	126 in.
901699	P12	Oyster	30 yd.	11.8 oz.	126 in.
901700	P12	Oyster	30 yd.	11.8 oz.	98 in.
901701	P28	Oyster/Charcoal	30 yd.	11.8 oz.	98 in.
901704	p92	Oyster/Chestnut	30 yd.	11.8 oz.	63 in.
901705	P12	Oyster	30 yd.	11.8 oz.	63 in.
901706	P28	Oyster/Charcoal	30 yd.	11.8 oz.	63 in.
901707	P92	Oyster/Chestnut	30 yd.	11.8 oz.	98 in.

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SHEERWEAVE® 2710

This lightweight fiberglass fabric is woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4. 162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
901710	P92	Oyster/Chestnut	30 yd.	10.4 oz.	98 in.
901711	P28	Oyster/Charcoal	30 yd.	10.4 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 3000

An elegant and exquisite shading fabric. This style is ideal for roller shades, roman shades and a variety of other interior sun control applications. Average openness 14%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass/Polyester Yarns
FR STANDARDS MET	NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating) and NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902001	P01	Pearl White	30 yd.	13.46 oz.	72 in.
902011	Q01	Mushroom Sand	30 yd.	13.46 oz.	72 in.
902012	Q02	Custard Cream	30 yd.	13.46 oz.	72 in.
902014	Q04	Chocolate	30 yd.	13.46 oz.	72 in.
902027	Q18	Espresso	30 yd.	13.46 oz.	72 in.
902061	V01	Pale Grey	30 yd.	13.46 oz.	72 in.
902062	V02	Ninja Grey	30 yd.	13.46 oz.	72 in.
902072	Q19	Honey Sage	30 yd.	13.46 oz.	72 in.
902076	Q17	Sand Dollar	30 yd.	13.46 oz.	72 in.
902078	P01	Pearl White	30 yd.	13.46 oz.	96 in.
902081	Q04	Chocolate	30 yd.	13.46 oz.	96 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902083	Q17	Sand Dollar	30 yd.	13.46 oz.	96 in.
902084	Q01	Mushroom Sand	30 yd.	13.46 oz.	96 in.
902085	Q02	Custard Cream	30 yd.	13.46 oz.	96 in.
902086	V01	Pale Grey	30 yd.	13.46 oz.	96 in.
902098	V02	Ninja Grey	30 yd.	13.46 oz.	96 in.
902099	Q18	Espresso	30 yd.	13.46 oz.	96 in.
902111	Q19	Honey Sage	30 yd.	13.46 oz.	96 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 4000 ECO

SheerWeaver 4000 ECO is PVC-free and designed with today's demanding, yet cost-conscious commercial market in mind. Its shading factor and fresh, modern look are ideal for a variety of applications. Can also be used for exterior applications. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Bio-Based Plasticizer Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902290	U65	Ebony	30 yd.	19.2 oz.	63 in.
902291	U58	Chalk	30 yd.	19.2 oz.	63 in.
902292	U63	Pewter	30 yd.	19.2 oz.	63 in.
902293	U66	Tobacco	30 yd.	19.2 oz.	63 in.
902294	U59	Alabaster	30 yd.	19.2 oz.	63 in.
902295	U61	Greystone	30 yd.	19.2 oz.	63 in.
902296	U62	Granite	30 yd.	19.2 oz.	63 in.
902297	U64	Ash	30 yd.	19.2 oz.	63 in.
902298	U60	Pebblestone	30 yd.	19.2 oz.	63 in.
902300	U60	Pebblestone	30 yd.	19.2 oz.	84 in.
902301	U59	Alabaster	30 yd.	19.2 oz.	84 in.
902302	U58	Chalk	30 yd.	19.2 oz.	84 in.
902303	U63	Pewter	30 yd.	19.2 oz.	84 in.
902305	U65	Ebony	30 yd.	19.2 oz.	84 in.
902306	U66	Tobacco	30 yd.	19.2 oz.	84 in.
902307	U61	Greystone	30 yd.	19.2 oz.	84 in.
902308	U62	Granite	30 yd.	19.2 oz.	84 in.
902309	U64	Ash	30 yd.	19.2 oz.	84 in.
902320	U59	Alabaster	30 yd.	19.2 oz.	126 in.
902321	U58	Chalk	30 yd.	19.2 oz.	126 in.
902322	U62	Granite	30 yd.	19.2 oz.	126 in.
902323	U64	Ash	30 yd.	19.2 oz.	126 in.
902324	U60	Pebblestone	30 yd.	19.2 oz.	126 in.
902325	U61	Greystone	30 yd.	19.2 oz.	126 in.
902326	U65	Ebony	30 yd.	19.2 oz.	126 in.
902327	U66	Tobacco	30 yd.	19.2 oz.	126 in.
902360	U62	Granite	30 yd.	19.2 oz.	98 in.
902361	U61	Greystone	30 yd.	19.2 oz.	98 in.
902362	U64	Ash	30 yd.	19.2 oz.	98 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902363	U65	Ebony	30 yd.	19.2 oz.	98 in.
902364	U60	Pebblestone	30 yd.	19.2 oz.	98 in.
902365	U59	Alabaster	30 yd.	19.2 oz.	98 in.
902366	U58	Chalk	30 yd.	19.2 oz.	98 in.
902367	U66	Tobacco	30 yd.	19.2 oz.	98 in.
902368	U63	Pewter	30 yd.	19.2 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 4100 ECO

SheerWeave 4100 ECO is the new PVC-free version of SheerWeave 4100. It is similar in style to SheerWeave 4000 but has a slightly more open weave to provide increased outward visibility. Can also be used for exterior applications. Average openness 10%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Bio-Based Platicizer Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902310	U66	Tobacco	30 yd.	17.5 oz.	98 in.
902311	U65	Ebony	30 yd.	17.5 oz.	98 in.
902312	U59	Alabaster	30 yd.	17.5 oz.	98 in.
902313	U63	Pewter	30 yd.	17.5 oz.	98 in.
902314	U61	Greystone	30 yd.	17.5 oz.	98 in.
902315	U62	Granite	30 yd.	17.5 oz.	98 in.
902316	U60	Pebblestone	30 yd.	17.5 oz.	98 in.
902317	U58	Chalk	30 yd.	17.5 oz.	98 in.
902318	U64	Ash	30 yd.	17.5 oz.	98 in.
902330	U59	Alabaster	30 yd.	17.5 oz.	84 in.
902331	U65	Ebony	30 yd.	17.5 oz.	84 in.
902332	U58	Chalk	30 yd.	17.5 oz.	84 in.
902333	U60	Pebblestone	30 yd.	17.5 oz.	84 in.
902334	U63	Pewter	30 yd.	17.5 oz.	84 in.
902335	U66	Tobacco	30 yd.	17.5 oz.	84 in.
902336	U61	Greystone	30 yd.	17.5 oz.	84 in.
902337	U62	Granite	30 yd.	17.5 oz.	84 in.
902338	U64	Ash	30 yd.	17.5 oz.	84 in.
902340	U59	Alabaster	30 yd.	17.5 oz.	63 in.
902341	U60	Pebblestone	30 yd.	17.5 oz.	63 in.
902342	U58	Chalk	30 yd.	17.5 oz.	63 in.
902343	U63	Pewter	30 yd.	17.5 oz.	63 in.
902344	U65	Ebony	30 yd.	17.5 oz.	63 in.
902345	U61	Greystone	30 yd.	17.5 oz.	63 in.
902346	U66	Tobacco	30 yd.	17.5 oz.	63 in.
902347	U62	Granite	30 yd.	17.5 oz.	63 in.
902348	U64	Ash	30 yd.	17.5 oz.	63 in.

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SHEERWEAVE® 4400 ECO

SheerWeave 4400 ECO is the new PVC-free version of SheerWeave 4400. It's similar to SheerWeave 4000 but has a 3% openness factor to provide maximum UV blockage. It can also be used for exterior applications.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Bio-Based Platicizer Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
904450	U58	Chalk	30 yd.	20.7 oz.	63 in.
904451	U60	Pebblestone	30 yd.	20.7 oz.	63 in.
904452	U63	Pewter	30 yd.	20.7 oz.	63 in.
904453	U59	Alabaster	30 yd.	20.7 oz.	63 in.
904454	U65	Ebony	30 yd.	20.7 oz.	63 in.
904455	U66	Tobacco	30 yd.	20.7 oz.	63 in.
904456	U61	Greystone	30 yd.	20.7 oz.	63 in.
904457	U62	Granite	30 yd.	20.7 oz.	63 in.
904458	U64	Ash	30 yd.	20.7 oz.	63 in.
904460	U65	Ebony	30 yd.	20.7 oz.	84 in.
904461	U58	Chalk	30 yd.	20.7 oz.	84 in.
904462	U60	Pebblestone	30 yd.	20.7 oz.	84 in.
904463	U63	Pewter	30 yd.	20.7 oz.	84 in.
904464	U59	Alabaster	30 yd.	20.7 oz.	84 in.
904465	U66	Tobacco	30 yd.	20.7 oz.	84 in.
904466	U61	Greystone	30 yd.	20.7 oz.	84 in.
904467	U62	Granite	30 yd.	20.7 oz.	84 in.
904468	U64	Ash	30 yd.	20.7 oz.	84 in.
904470	U65	Ebony	30 yd.	20.7 oz.	98 in.
904471	U60	Pebblestone	30 yd.	20.7 oz.	98 in.
904472	U58	Chalk	30 yd.	20.7 oz.	98 in.
904473	U61	Greystone	30 yd.	20.7 oz.	98 in.
904474	U63	Pewter	30 yd.	20.7 oz.	98 in.
904475	U66	Tobacco	30 yd.	20.7 oz.	98 in.
904476	U59	Alabaster	30 yd.	20.7 oz.	98 in.
904477	U64	Ash	30 yd.	20.7 oz.	98 in.
904478	U62	Granite	30 yd.	20.7 oz.	98 in.
904480	U62	Granite	30 yd.	20.7 oz.	126 in.
904481	U66	Tobacco	30 yd.	20.7 oz.	126 in.
904482	U58	Chalk	30 yd.	20.7 oz.	126 in.
904483	U59	Alabaster	30 yd.	20.7 oz.	126 in.
904484	U61	Greystone	30 yd.	20.7 oz.	126 in.
904485	U64	Ash	30 yd.	20.7 oz.	126 in.
904486	U60	Pebblestone	30 yd.	20.7 oz.	126 in.
904487	U65	Ebony	30 yd.	20.7 oz.	126 in.

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SHEERWEAVE® 4500

Using advances in polyester yarn development, Style 4500 is thinner and lighter weight, allowing for ease of fabrication. Style 4500 is a full basket weave, making it ideal for applications that require a more opaque and non-directional fabric. Can also be used in exterior roller shades. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
904500	Q60	Golden Sand	30 yd.	14.4 oz.	98 in.
904501	P06	Chalk	30 yd.	14.4 oz.	98 in.
904502	V95	Cappuccino	30 yd.	14.4 oz.	98 in.
904520	V95	Cappuccino	30 yd.	14.4 oz.	63 in.
904521	P10	Granite	30 yd.	14.4 oz.	63 in.
904522	Q59	Ecru	30 yd.	14.4 oz.	98 in.

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SHEERWEAVE® 4550

Using advances in polyester yarn development, Style 4550 is thinner and lighter weight, allowing for ease of fabrication. Style 4550 is a full basket weave, making it ideal for applications that require a more opaque and non-directional fabric. Can also be used in exterior roller shades. Average openness 5%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
904551	P65	Linen	30 yd.	12.5 oz.	98 in.

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SHEERWEAVE® 4600

Using advances in polyester yarn development, Style 4600 is thinner and lighter weight, allowing for ease of fabrication. Woven in a 2x2 basketweave, these fabrics are ideal for applications where a more opaque and non-directional fabric is needed. Can also be used in exterior roller shades. Average openness 3%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
904600	P06	Chalk	30 yd.	17.4 oz.	98 in.
904601	Q60	Golden Sand	30 yd.	17.4 oz.	98 in.
904602	Q59	Ecru	30 yd.	17.4 oz.	98 in.
904604	P10	Granite	30 yd.	17.4 oz.	98 in.
904650	Q59	Ecru	30 yd.	17.4 oz.	63 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 4650

Using thin polyester yarns and a unique twill weave, Style 4650 is easy to fabricate and offers a distinct two-sided appearance that maximizes both visibility and solar heat reduction. Suitable for exterior roller shades. Average openness 4%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1) and CAN/ULC-S 109-03 (large and small scale)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
904670	V45	Coal	30 yd.	13.3 oz.	63 in.
904671	C47	Chestnut	30 yd.	13.3 oz.	63 in.
904672	P65	Linen	30 yd.	13.3 oz.	63 in.
904690	P10	Granite	30 yd.	13.3 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 4800

Made from vinyl-coated polyester yarns, Style 4800 is designed with privacy in mind and offers maximum UV blockage. This style is intended for commercial use and is easily washed, making it a preferred curtain choice for the health care industry. Average openness 1%.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), CAN/ ULC-S 109-03 (large and small scale) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902397	Q98	Mocha	30 yd.	18.5 oz.	63 in.
902398	P06	Chalk	30 yd.	18.5 oz.	63 in.
902404	P07	Alabaster	30 yd.	18.5 oz.	96 in.
902405	V16	Gray	30 yd.	18.5 oz.	96 in.
902410	V10	Ebony	30 yd.	18.5 oz.	96 in.
902411	Q98	Mocha	30 yd.	18.5 oz.	96 in.
902412	Q97	Sand	30 yd.	18.5 oz.	96 in.
902413	P06	Chalk	30 yd.	18.5 oz.	96 in.
902414	Q99	Taupe	30 yd.	18.5 oz.	96 in.
902415	V60	Clay	30 yd.	18.5 oz.	96 in.
902416	V61	Mink	30 yd.	18.5 oz.	96 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



SHEERWEAVE® 5000

SheerWeave Style 5000 jacquard fabrics combine rich, textured yarns with traditional patterns to create a color palette of hushed naturals and rich earth tones. Woven from vinyl coated polyester and uncoated polyester yarns, these fabrics are as durable as they are beautiful. The collection offers a range of classic options designed to suit any style of décor. Style 5000 can also be used in exterior roller shades. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Coated Polyester And Uncoated Polyester Yarns
FR STANDARDS MET	California US Title 19 (Small Scale), NFPA 701-2004 TM#1 (Small and Large Scale), BS 5867 2008 Part 2 Type B Performance, ASTM E 84, NFPA 101 (Class A Rating), and IBC Section 903.1 (Class A Rating)
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
905003	P60	Bamboo/Birch	30 yd.	14.5 oz.	74 in.
905005	Q43	Marble/Sand	30 yd.	14.5 oz.	74 in.
905008	Q46	Bamboo/Wheat	30 yd.	14.3 oz.	74 in.
905009	Q47	Moire/Mocha	30 yd.	12.3 oz.	74 in.
905010	Q48	Bark/Cedar	30 yd.	12.3 oz.	74 in.
905011	Q49	Rattan/Umber	30 yd.	14.3 oz.	74 in.
905012	Q50	Bark/Tiger Oak	30 yd.	14.3 oz.	74 in.
905013	Q51	Wicker/Mushroom	30 yd.	14.3 oz.	74 in.
905015	Q53	Honeycomb/Brown Sugar	30 yd.	13 oz.	74 in.
905016	Q95	Tweed/Buckeye	30 yd.	13.6 oz.	74 in.
905017	Q96	Thatch/Wheatgrass	30 yd.	13.5 oz.	74 in.
905019	R11	Linen/Cranberry	30 yd.	14.1 oz.	74 in.
905020	Q46	Bamboo/Wheat	30 yd.	14.5 oz.	98 in.
905021	Q49	Rattan/Umber	30 yd.	14.5 oz.	98 in.
905022	Q50	Bark/Tiger Oak	30 yd.	14.5 oz.	98 in.
905023	Q94	Tweed/Oatmeal	30 yd.	13.6 oz.	98 in.
905024	Q95	Tweed/Buckeye	30 yd.	13.6 oz.	98 in.
905025	P60	Bamboo/Birch	30 yd.	14.5 oz.	98 in.
905026	Q51	Wicker/Mushroom	30 yd.	14.3 oz.	98 in.
905027	Q43	Marble/Sand	30 yd.	14.5 oz.	98 in.
905028	Q48	Bark/Cedar	30 yd.	12.3 oz.	98 in.
905030	U11	Linen/Burlap	30 yd.	16.1 oz.	74 in.
905031	U12	Linen/Cream	30 yd.	16.1 oz.	74 in.
905032	R12	Linen/Cinnamon	30 yd.	14.1 oz.	74 in.
905037	R12	Linen/Cinnamon	30 yd.	14.1 oz.	98 in.
905038	R11	Linen/Cranberry	30 yd.	14.1 oz.	98 in.
905039	Q53	Honeycomb/Brown	30 yd.	13 oz.	98 in.
905040	U25	Seaglass/Copper	30 yd.	14.3 oz.	98 in.
905041	U10	Linen/Topaz	30 yd.	14.1 oz.	98 in.
905042	R95	Bark/Sienna	30 yd.	14.1 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 7000

SheerWeave 7000 is uniquely designed to provide total light blockage when complete room darkening is needed. With a broad range of decorator colors, the look and feel of rich cloth and a PVC-free composition, SheerWeave 7000 will enhance the beauty and function of both commercial and residential spaces. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	100% Polyester (PVC-free)
FINISH	Acrylic Foam Backing
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80
WARRANTY	5 Year Interior Only

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
907000	P62	White	30 yd.	13.41 oz.	94 in.
907001	P63	Birch	30 yd.	13.41 oz.	94 in.
907002	P64	Sand	30 yd.	13.41 oz.	94 in.
907003	Q57	Wheat	30 yd.	13.41 oz.	94 in.
907004	V39	Graphite	30 yd.	13.41 oz.	94 in.
907005	V40	Onyx	30 yd.	13.41 oz.	94 in.
907006	V41	Canyon	30 yd.	13.41 oz.	94 in.
907007	Q58	Mushroom	30 yd.	13.41 oz.	94 in.
907050	P63	Birch	30 yd.	13.41 oz.	118 in.
907051	P62	White	30 yd.	13.41 oz.	118 in.
907052	P64	Sand	30 yd.	13.41 oz.	118 in.
907053	Q57	Wheat	30 yd.	13.41 oz.	118 in.
907054	Q58	Mushroom	30 yd.	13.41 oz.	118 in.
907055	U67	Canvas	30 yd.	13.41 oz.	118 in.
907056	U69	Cocoa	30 yd.	13.41 oz.	118 in.
907057	V41	Canyon	30 yd.	13.41 oz.	118 in.
907058	V39	Graphite	30 yd.	13.41 oz.	118 in.
907059	V40	Onyx	30 yd.	13.41 oz.	118 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 7100

When selecting light-blocking window treatments for a number of rooms within the same building, SheerWeave 7100 is an ideal choice. Similar to SheerWeave 2000, this laminated blackout fabric was designed to match other SheerWeave fabrics for a coordinated look. Made from PVC-coated fiberglass and laminated with a two-ply 100 percent PVC blackout film. SheerWeave 7100 comes in neutral color styles.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	PVC-Coated Fiberglass
FINISH	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), NFPA 701 TM#2 (large scale), ASTM E 84 (Class 1), and BS 5867 2008 Part 2 Type B Performance
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
WARRANTY	10 Year Interior Only

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
907094	P02	White	30 yd.	19.8 oz.	63 in.
907095	Q05	Bone	30 yd.	19.8 oz.	63 in.
907096	Q06	Bone/ Platinum	30 yd.	19.8 oz.	63 in.
907097	V21	Charcoal	30 yd.	19.8 oz.	63 in.
907098	P04	White/ Bone	30 yd.	19.8 oz.	63 in.
907099	P05	White/Platinum	30 yd.	19.8 oz.	63 in.
907106	P02	White	30 yd.	19.8 oz.	96 in.
907110	V21	Charcoal	30 yd.	19.8 oz.	96 in.
907111	P04	White/Bone	30 yd.	19.8 oz.	96 in.
907112	P05	White/Platinum	30 yd.	19.8 oz.	96 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® 7500

This attractive blackout fabric is an economical option featuring a classic range of neutral colors. Suitable for roller shades, vertical blinds and panel track systems, SheerWeave 7500 is a unique PVC-free coated polyester fabric.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	100% Polyester
FINISH	PVC-free Acrylic Coating
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), ASTM E 84 (Class 1), and CAN/ULC-S 109-03 (large and small scale)
WARRANTY	5 Year Interior Only

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
907540	R13	Ice	30 yd.	12.14 oz.	118 in.
907543	R16	Spirit	30 yd.	12.14 oz.	118 in.

SheerWeave® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® BASIC 3%

SheerWeave BASIC 3% is the latest in innovative sun control fabric development. With all the benefits, certifications and technical specifications you have come to expect from SheerWeave but uniquely designed for the demanding and competitive commercial market, SheerWeave BASIC is an ideal choice for your spec-driven projects. A more robust core yarn gives SheerWeave BASIC the added durability high traffic areas and public spaces require. Suitable for all types of interior window shade applications, SheerWeave BASIC is an economical alternative to traditional solar screen fabrics.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Fiberglass
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), NFPA 701 TM#2 (large scale) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
906000	P02	White	30 yd.	16.4 oz.	98 in.
906002	P04	White/Bone	30 yd.	16.4 oz.	98 in.
906003	V21	Charcoal	30 yd.	16.4 oz.	98 in.
906004	V22	Charcoal/Grey	30 yd.	16.4 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® BASIC 5%

SheerWeave BASIC is the latest in innovative sun control fabric development. With all the benefits, certifications and technical specifications you have come to expect from SheerWeave but uniquely designed for the demanding and competitive commercial market, SheerWeave BASIC is an ideal choice for your spec-driven projects. A more robust core yarn gives SheerWeave BASIC the added durability high traffic areas and public spaces require. Suitable for all types of interior window shade applications, SheerWeave BASIC is an economical alternative to traditional solar screen fabrics.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Fiberglass
FR STANDARDS MET	California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), IBC Section 903.1 (Class A Rating), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), NFPA 701 TM#2 (large scale) and CAN/CGSB2-4.162-M80
WARRANTY	10-Year Interior; 5-Year Exterior

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
906100	P02	White	30 yd.	14.1 oz.	98 in.
906101	P04	White/Bone	30 yd.	14.1 oz.	98 in.
906102	P05	White/Platinum	30 yd.	14.1 oz.	98 in.
906103	V21	Charcoal	30 yd.	14.1 oz.	98 in.
906104	V22	Charcoal/Grey	30 yd.	14.1 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SHEERWEAVE® INFINITY 2

SheerWeave Infinity 2 is an eco-friendly full basket weave. Emulating the look and engineering of standard SheerWeave fabrics, Infinity core yarn and coating is PVC-free, lead-free and 100% recyclable.

SheerWeave is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	100% Recycled Content
FR STANDARDS MET	ASTM E-84 (Class I), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), CAN/ULC-S 109-03 Large and CAN/CGSB2-4.162-M80
WARRANTY	5-Year Interior Only

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902350	PG1	Cotton	30 yd.	14.63 oz.	98 in.

SheerWeave® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



SUNSCREEN®

SunScreen reduces solar heat gain in the summer and interior heat loss in the winter, absorbing and dissipating up to 70% of the sun’s heat and glare before it reaches the window, while also performing as an insect screen.

SunScreen is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won’t wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
FR STANDARDS MET	NFPA 101 (Class B Rating) and IBC Section 903.1 (Class A Rating)
WARRANTY	10-Year Exterior

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
901982	Charcoal	100 ft.	8.5 oz.	84 in.
901983	Bronze	100 ft.	8.5 oz.	84 in.
901985	Silver Gray	100 ft.	8.5 oz.	84 in.
902018	Charcoal	100 ft.	8.5 oz.	60 in.
902022	Charcoal	100 ft.	8.5 oz.	48 in.

SunScreen® is a registered trademark of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SUPER SOLAR SCREENING

Super Solar Screening offers the ultimate in shading protection by blocking up to 90% of the sun’s heat and glare before it penetrates windows and doors. This fabric is installed like regular insect screening and improves daytime privacy while offering excellent outward visibility. Ideal for extremely hot windows, doors and porches, Super Solar Screening helps save energy and keeps carpets and draperies from fading.

Super Solar Screening is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won’t wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. The product is GREENGUARD® certified.

FABRIC	Vinyl Encapsulated Fiberglass Yarns
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ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
902775	Charcoal	100 ft.	10.4 oz.	36 in.
902778	Charcoal	100 ft.	10.4 oz.	48 in.
902780	Charcoal	100 ft.	10.4 oz.	84 in.

Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

SUNTEX® 80

SunTex is a unique woven mesh that can block up to 80% of the sun’s hot rays before they enter your windows. Mildew and fade resistant, SunTex is ideal for use as a shading fabric on windows, doors and porches and offers good ventilation. This heavy-duty fabric is made of strong vinyl-coated polyester and is resistant to pet damage. Average openness 20%.

SunTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won’t wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
WARRANTY	10-Year Exterior

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
902003	Black	100 ft.	13.5 oz.	60 in.
902006	Black	100 ft.	13.5 oz.	72 in.
902007	Brown	100 ft.	13.5 oz.	60 in.
902015	Stucco	100 ft.	13.5 oz.	72 in.
902016	Brown	100 ft.	13.5 oz.	72 in.
902017	Gray	100 ft.	13.5 oz.	72 in.
902037	Stucco	100 ft.	13.5 oz.	60 in.
902091	Black	100 ft.	13.5 oz.	48 in.
902092	Stucco	100 ft.	13.5 oz.	48 in.
902095	Stucco	100 ft.	13.5 oz.	96 in.
902097	Black	100 ft.	13.5 oz.	96 in.

SunTex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.

SUNTEX® 90

SunTex is a unique woven mesh that can block up to 90% of the sun's hot rays before they enter your windows. Mildew and fade resistant, SunTex is ideal for use as a shading fabric on windows, doors and porches and offers good ventilation. This heavy-duty fabric is made of strong vinyl-coated polyester and is resistant to pet damage. Average openness 10%.

SunTex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Encapsulated Polyester Yarns
FR STANDARDS MET	California Technical Bulletin 117 Section E (CS-191-53) and IBC Section 903.1 (Class A Rating)
WARRANTY	10-Year Exterior

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
902031	Black	100 ft.	17.2 oz.	60 in.
902033	Stucco	100 ft.	17.2 oz.	48 in.
902034	Black	100 ft.	17.2 oz.	48 in.
902038	Beige	100 ft.	17.2 oz.	72 in.
902059	Beige	100 ft.	17.2 oz.	96 in.
902063	Gray	100 ft.	17.2 oz.	96 in.
902065	Stucco	100 ft.	17.2 oz.	72 in.
902068	Stucco	100 ft.	17.2 oz.	96 in.
902069	Brown	100 ft.	17.2 oz.	96 in.
902096	Gray	100 ft.	17.2 oz.	72 in.
903000	Black	100 ft.	17.2 oz.	72 in.
903007	Beige	100 ft.	17.2 oz.	120 in.
903013	Black	100 ft.	17.2 oz.	120 in.
903014	Stucco	100 ft.	17.2 oz.	120 in.

SunTex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.

TEXTILENE® 90

A durable and tough synthetic fabric made of PVC coated polyester. Designed to reduce heat transfer through windows, this fabric also reduces the glare and harmful rays from the sun. Flame resistant and fade resistant, it is a durable alternative for insect screen. Screen blocks up to 90% of the sun's rays.

FABRIC	PVC Coated Polyester
FR STANDARDS MET	California State Fire Marshal Title 19, NFPA 701
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
903220	T18DCS014	Grey	33 Yards	48 in.
903223	T18DCS077	Beige	33 Yards	48 in.
903224	T18BCT011	Desert Sand	33 Yards	48 in.
903245	T18DCS080	Brown	33 Yards	96 in.
903253	T18DCS015	Grey	99 ft.	96 in.
903256	T18DCS079	Black	99 ft.	96 in.
903257	T18DCS081	Beige	33 Yards	96 in.
903258	T18DCS085	White	33 Yards	96 in.
903259	T18BCT014	Desert Sand	33 Yards	96 in.
903261	T18DCS086	White	100 ft.	120 in.
903266	T18BCT015	Desert Sand	33 Yards	120 in.
903267	T18DCS084	Beige	33 Yards	120 in.
903268	T18DCS064	Brown	33 Yards	120 in.
903269	T18DCS082	Black	33 Yards	120 in.

Textilene® is a registered trademark of Twitchell Corporation.

TEXTILENE® 95

A durable and tough synthetic fabric made of PVC coated polyester. Designed to reduce heat transfer through windows, this fabric also reduces the glare and harmful rays from the sun. Flame resistant and fade resistant, it is a durable alternative for insect screen. Screen blocks up to 95% of the sun's rays.

FABRIC	PVC Coated Polyester
FR STANDARDS MET	California State Fire Marshal Title 19, NFPA 701
WARRANTY	10-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
903280	T18ANT006	Tobacco Leaf	28 yd.	17.3 oz.	119 in.
903281	T18ANS001	Galaxy Black	28 yd.	17.3 oz.	119 in.
903282	T18ANS002	Quartz	28 yd.	17.3 oz.	119 in.
903284	T18ANS004	Graphite	28 yd.	17.3 oz.	119 in.
903285	T18ANT002	Safari Cashmere	28 yd.	17.3 oz.	119 in.
903286	T18ANT003	Sandstorm	28 yd.	17.3 oz.	119 in.
903287	T18ANT007	Pewter	28 yd.	17.3 oz.	119 in.
903288	T18ANT009	Almond Brown	28 yd.	17.3 oz.	119 in.
903289	T18ANS005	Pure White	28 yd.	17.3 oz.	119 in.

Textilene® is a registered trademark of Twitchell Corporation.



SERGE FERRARI SOLTIS® 86

Soltis 86 is an ideal vinyl mesh used for exterior windows, commercial building facades, greenhouses, rooftops, or retractable awnings. It also helps regulate the thermal effect of the sun, and it preserves privacy and comfort without obstructing the view.

Serge Ferrari’s exclusive and patented Précontraint® process enables Soltis 86 excellent dimensional stability for large expanses. Soltis 86 delivers exceptional durability under a variety of intense wind and weather conditions.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879142	86-50342	Navy	54 yd.	11 oz.	69 in.
879158	86-2158	Moss Green	54 yd.	11 oz.	69 in.
879204	86-8204	Orange	54 yd.	11 oz.	69 in.
879212	86-2012	Pepper (Putty)	54 yd.	11 oz.	69 in.
879233	86-50333	Bamboo	54 yd.	11 oz.	69 in.
879236	86-50336	Plum	54 yd.	11 oz.	69 in.
879243	86-2043	Bronze (Olive Brown)	54 yd.	11 oz.	69 in.
879244	86-2044	White	54 yd.	11 oz.	69 in.
879245	86-2045	Beaten Metal (Dark Aluminum)	54 yd.	11 oz.	69 in.
879246	86-2046	Aluminum/Oat (Aluminum/Ivory)	54 yd.	11 oz.	69 in.
879247	86-2047	Anthracite (Charcoal)	54 yd.	11 oz.	69 in.
879248	86-2048	Aluminum	54 yd.	11 oz.	69 in.
879253	86-2053	Black	54 yd.	11 oz.	69 in.
879255	86-8255	Red	54 yd.	11 oz.	69 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879260	86-50260	Muscat	54 yd.	11 oz.	69 in.
879261	86-2161	Midnight Blue	54 yd.	11 oz.	69 in.
879262	86-50261	Caramel	54 yd.	11 oz.	69 in.
879263	86-50271	Intense Turquoise	54 yd.	11 oz.	69 in.
879264	86-50264	Dark Teal	54 yd.	11 oz.	69 in.
879266	86-2166	Buttercup	54 yd.	11 oz.	69 in.
879267	86-2167	Concrete	54 yd.	11 oz.	69 in.
879268	86-2068	Aluminum/Anthracite (Aluminum/Charcoal)	54 yd.	11 oz.	69 in.
879271	86-2171	Boulder	54 yd.	11 oz.	69 in.
879275	86-2175	Champagne	54 yd.	11 oz.	69 in.
879285	86-2135	Sandy Beige	54 yd.	11 oz.	69 in.
879288	86-2148	Cocoa	54 yd.	11 oz.	69 in.
879584	86-2044-105	White	43 yd.	11 oz.	105 in.
879586	86-2046-105	Aluminum/Oat (Aluminum/Ivory)	43 yd.	11 oz.	105 in.
879588	86-2045-105	Beaten Metal (Dark Aluminum)	43 yd.	11 oz.	105 in.
879590	86-2012-105	Pepper (Putty)	43 yd.	11 oz.	105 in.
879610	86-2043-105	Bronze (Olive Brown)	43 yd.	11 oz.	105 in.
879614	86-2047-105	Anthracite (Charcoal)	43 yd.	11 oz.	105 in.
879620	86-2053-105	Black	43 yd.	11 oz.	105 in.
879635	86-2135-105	Sandy Beige	43 yd.	11 oz.	105 in.
879671	86-2171-105	Boulder	43 yd.	11 oz.	105 in.

Soltis® and Précontraint® are registered trademarks of The Serge Ferrari Group.



SERGE FERRARI SOLTIS® 92

Soltis 92 is an ideal vinyl mesh used for exterior windows, commercial building facades, greenhouses, rooftops, or retractable awnings. It also helps regulate the thermal effect of the sun, and it preserves privacy and comfort without obstructing the view.

Serge Ferrari's exclusive and patented Précontraint® process enables Soltis 92 excellent dimensional stability for large expanses. Soltis 92 delivers exceptional durability under a variety of intense wind and weather conditions.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
878135	92-2135	Sandy Beige	54 yd.	12 oz.	69 in.
878137	92-2137	Walnut Stain	54 yd.	12 oz.	69 in.
878148	92-2148	Cocoa	54 yd.	12 oz.	69 in.
878149	92-2149	Beetle	54 yd.	12 oz.	69 in.
878152	92-2152	Velvet Red	54 yd.	12 oz.	69 in.
878157	92-2157	Aniseed	54 yd.	12 oz.	69 in.
878158	92-2158	Moss Green	54 yd.	12 oz.	69 in.
878160	92-2160	Lagoon	54 yd.	12 oz.	69 in.
878161	92-2161	Midnight Blue	54 yd.	12 oz.	69 in.
878163	92-2163	Turtle Dove	54 yd.	12 oz.	69 in.
878164	92-2164	Violet Parma	54 yd.	12 oz.	69 in.
878166	92-2166	Buttercup	54 yd.	12 oz.	69 in.
878167	92-2167	Concrete	54 yd.	12 oz.	69 in.
878171	92-2171	Boulder	54 yd.	12 oz.	69 in.
878172	92-2172	Carrot	54 yd.	12 oz.	69 in.
878176	92-2175	Champagne	54 yd.	12 oz.	69 in.
878204	92-8204	Orange	54 yd.	12 oz.	69 in.
878255	92-8255	Red	54 yd.	12 oz.	69 in.
878260	92-50260	Muscat	54 yd.	12 oz.	69 in.
878261	92-50261	Caramel	54 yd.	12 oz.	69 in.
878264	92-50264	Dark Teal	54 yd.	12 oz.	69 in.
878265	92-50265	Hemp	54 yd.	12 oz.	69 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
878266	92-50266	Havana Brown	54 yd.	12 oz.	69 in.
878267	92-50267	Cotto	54 yd.	12 oz.	69 in.
878268	92-50268	Grenadine	54 yd.	12 oz.	69 in.
878269	92-50269	Hawaii	54 yd.	12 oz.	69 in.
878270	92-50270	Thistle	54 yd.	12 oz.	69 in.
878271	92-50271	Intense Turquoise	54 yd.	12 oz.	69 in.
878272	92-50272	Cloud	54 yd.	12 oz.	69 in.
878273	92-50273	Gold	54 yd.	12 oz.	69 in.
878274	92-50274	Copper	54 yd.	12 oz.	69 in.
878333	92-50333	Bamboo	54 yd.	12 oz.	69 in.
878336	92-50336	Plum	54 yd.	12 oz.	69 in.
878342	92-50342	Navy	54 yd.	12 oz.	69 in.
879312	92-2012	Pepper (Putty)	54 yd.	12 oz.	69 in.
879339	92-2039	Green Tree (Forest Green)	54 yd.	12 oz.	69 in.
879343	92-2043	Bronze (Olive Brown)	54 yd.	12 oz.	69 in.
879344	92-2044	White	54 yd.	12 oz.	69 in.
879345	92-2045	Beaten Metal (Dark Aluminum)	54 yd.	12 oz.	69 in.
879346	92-2046	Aluminum/Oat (Aluminum/Ivory)	54 yd.	12 oz.	69 in.
879347	92-2047	Anthracite (Charcoal)	54 yd.	12 oz.	69 in.
879348	92-2048	Aluminum	54 yd.	12 oz.	69 in.
879353	92-2053	Black	54 yd.	12 oz.	69 in.
879365	92-2065	Interferential Grey	54 yd.	12 oz.	69 in.
879368	92-2068	Aluminum/Anthracite (Aluminum Charcoal)	54 yd.	12 oz.	69 in.
879374	92-2074	Aluminum/ Medium Grey (Metal/Gray)	54 yd.	12 oz.	69 in.
879393	92-2043	Bronze (Olive Brown)	43 yd.	12 oz.	105 in.
879394	92-2044	White	43 yd.	12 oz.	105 in.
879395	92-2045	Beaten Metal (Dark Aluminum)	43 yd.	12 oz.	105 in.
879396	92-2046	Aluminum/Oat (Ivory)	43 yd.	12 oz.	105 in.
879397	92-2047	Anthracite (Charcoal)	43 yd.	12 oz.	105 in.
879398	92-2048	Aluminum/Aluminum	43 yd.	12 oz.	105 in.
879399	92-2051	Aluminum/White	43 yd.	12 oz.	105 in.
879400	92-2053	Black	43 yd.	12 oz.	105 in.
879435	92-2135	Sandy Beige	43 yd.	12 oz.	105 in.
879465	92-50265	Hemp	43 yd.	12 oz.	105 in.
879467	92-2167	Concrete	43 yd.	12 oz.	105 in.
879471	92-2171	Boulder	43 yd.	12 oz.	105 in.

Soltis® and Précontraint® are registered trademarks of The Serge Ferrari Group.

SERGE FERRARI SOLTIS® 92 BLACKOUT

Soltis B92 provides a black out layer that prevents any detectable transmission of visible light and UV rays. It does not require any kind of reinforcement and the thin, flat properties of the fabric suit small sized windows. Ideal for interior or exterior block out blinds. GREENGUARD® certified.

FABRIC	Woven Polyester Base Cloth, Weldable PVC Coating
FINISH	Acrylic Lacquer Both Sides
FR STANDARDS MET	NFPA-701
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879843	B92-N-1043	Bronze (Brown)/Aluminum	43 yd.	19.17 oz.	67 in.
879844	B92-N-1044	White/Aluminum	43 yd.	19.17 oz.	67 in.
879845	B92-N-1045	Beaten Metal/Aluminum	43 yd.	19.17 oz.	67 in.
879846	B92-N-1046	Aluminum/Aluminum	43 yd.	19.17 oz.	67 in.
879847	B92-N-2135	Sand Beige/Aluminum	43 yd.	19.17 oz.	67 in.
879848	B92-N-2171	Boulder/Aluminum	43 yd.	19.17 oz.	67 in.

Soltis® is a registered trademark of The Serge Ferrari Group. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.



SERGE FERRARI SOLTIS® 93

Serge Ferrari Soltis 93's exclusive micro-ventilation system is the perfect solar protection solution. Used in façade, veranda and conservatory blinds and sail shades, Soltis 93 naturally dissipates heat away from the building, allowing increased comfort indoors, while maintaining a view of the outdoors.

When placed on the exterior of windows, Soltis 93 can block as much as 96% of solar heat, lowering energy costs, increasing interior comfort and helping to protect products on the inside, such as furniture.

Made using the exclusive and patented Serge Ferrari Précontraint® technology, Soltis textiles are manufactured under equal tension throughout the manufacturing cycle.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879603	93-3003	Beige (Taupe)	43 yd.	12.4 oz.	105 in.
879611	93-3011	Light Grey	43 yd.	12.4 oz.	105 in.
879643	93-3043	Bronze (Olive Brown)	43 yd.	12.4 oz.	105 in.
879644	93-3044	White	43 yd.	12.4 oz.	105 in.
879645	93-3045	Beaten Metal (Aluminum/Charcoal)	43 yd.	12.4 oz.	105 in.
879646	93-3046	Aluminum/Oat (Aluminum/Ivory)	43 yd.	12.4 oz.	105 in.
879647	93-3047	Anthracite (Charcoal)	43 yd.	12.4 oz.	105 in.
879648	93-3048	Aluminum	43 yd.	12.4 oz.	105 in.
879651	93-3051	Aluminum/White	43 yd.	12.4 oz.	105 in.
879653	93-3053	Black	43 yd.	12.4 oz.	105 in.

Soltis® and Précontraint® are registered trademarks of The Serge Ferrari Group.



SERGE FERRARI SOLTIS® 99

Serge Ferrari Soltis 99 is a micro-ventilated textile for interior solar protection applications, such as interior blinds.

When installed on the inside, traditional textiles allow more than 40% of the sun's rays into a room. When used with standard clear windows, Soltis 99 has a solar factor of 30%, giving far more efficient thermal protection.

Serge Ferrari's innovative and exclusive Précontraint® process enables Soltis 99 to provide maximum visual comfort. All Soltis 99 colors have a metallic "B" side, which eliminates unpleasant glare, controls brightness and maintains a comfortable, natural light. The fabric's openness blocks out as much luminous variation as possible, achieving less than 5% visible light transmission.

FABRIC	High-Tenacity Polyester
FINISH	Vinyl
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701; ASTM E-84
WARRANTY	5-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879654	99-2044	White/White	54 yd.	8.5 oz.	69 in.
879655	99-2055	White/Aluminum	54 yd.	8.5 oz.	69 in.
879658	99-2058	Grey Clair/Aluminum (Light Grey/Aluminum)	54 yd.	8.5 oz.	69 in.
879659	99-2059	Aluminum/Aluminum (Silver/Aluminum)	54 yd.	8.5 oz.	69 in.
879668	99-2068	Anthracite/Aluminum (Black/Aluminum)	54 yd.	8.5 oz.	69 in.
879673	99-2073	Grey/Aluminum	54 yd.	8.5 oz.	69 in.
879701	99-50301	Sea Foam/Sea Foam (Spume/Spume)	54 yd.	8.5 oz.	69 in.
879702	99-50302	Fjord/Fjord	54 yd.	8.5 oz.	69 in.
879703	99-50303	Quartz/Quartz	54 yd.	8.5 oz.	69 in.
879705	99-50305	Clay/Clay	54 yd.	8.5 oz.	69 in.
879706	99-50306	Bermuda/Bermuda	54 yd.	8.5 oz.	69 in.
879707	99-50307	Lotus/Lotus	54 yd.	8.5 oz.	69 in.
879708	99-50308	Paprika/Paprika	54 yd.	8.5 oz.	69 in.
879755	99-3055	White/Aluminum	43 yd.	8.5 oz.	105 in.
879758	99-3058	Grey Clair/Aluminum (Light Grey/Aluminum)	43 yd.	8.5 oz.	105 in.

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
879759	99-3059	Aluminum/Aluminum (Silver/Aluminum)	43 yd.	8.5 oz.	105 in.
879768	99-3068	Anthracite/Aluminum (Black/Aluminum)	43 yd.	8.5 oz.	105 in.
879785	99-50285	Quartz/Aluminum	43 yd.	8.5 oz.	105 in.
879786	99-50286	Sandy Beige/Aluminum	43 yd.	8.5 oz.	105 in.
879791	99-50301	Sea Foam/Sea Foam (Spume/Spume)	43 yd.	8.5 oz.	105 in.
879793	99-50303	Quartz/Quartz	43 yd.	8.5 oz.	105 in.
879794	99-2044	White/White	43 yd.	8.5 oz.	105 in.
879795	99-2115	Black/White	43 yd.	8.5 oz.	105 in.
879800	99-50300	Bermuda/Aluminum	54 yd.	8.5 oz.	69 in.
879815	99-2115	Black/White	54 yd.	8.5 oz.	69 in.
879865	99-50265	Hemp/Hemp	54 yd.	8.5 oz.	69 in.
879877	99-50277	Prune/White (Plum/White)	54 yd.	8.5 oz.	69 in.
879878	99-50278	Chestnut/White	54 yd.	8.5 oz.	69 in.
879879	99-50279	Medium Grey/White	54 yd.	8.5 oz.	69 in.
879884	99-50284	Sea Foam/Aluminum (Spume/Aluminum)	54 yd.	8.5 oz.	69 in.
879885	99-50285	Quartz/Aluminum	54 yd.	8.5 oz.	69 in.
879886	99-50286	Sandy Beige/Aluminum	54 yd.	8.5 oz.	69 in.
879887	99-50287	Hemp/Aluminum	54 yd.	8.5 oz.	69 in.
879888	99-50288	Clay/Aluminum	54 yd.	8.5 oz.	69 in.
879889	99-50289	Ash-Brown/Aluminum	54 yd.	8.5 oz.	69 in.
879890	99-50290	Chestnut/Aluminum	54 yd.	8.5 oz.	69 in.
879891	99-50291	Zenith/Aluminum	54 yd.	8.5 oz.	69 in.
879892	99-50292	Apricot/Aluminum	54 yd.	8.5 oz.	69 in.
879893	99-50293	Paprika/Aluminum	54 yd.	8.5 oz.	69 in.
879894	99-50294	Lotus/Aluminum	54 yd.	8.5 oz.	69 in.
879895	99-50295	Bamboo/Aluminum	54 yd.	8.5 oz.	69 in.
879896	99-50296	Lilac/Aluminum	54 yd.	8.5 oz.	69 in.
879897	99-50297	Fig/Aluminum	54 yd.	8.5 oz.	69 in.
879898	99-50298	Prune/Aluminum (Plum/Aluminum)	54 yd.	8.5 oz.	69 in.
879999	99-50299	Fjord/Aluminum	54 yd.	8.5 oz.	69 in.

Soltis® and Précontraint® are registered trademarks of The Serge Ferrari Group.



ARCHITEC 400®

Architec 400 is an extremely strong UV stabilized knitted shadecloth that has been designed for large commercial tension membrane structures and shade sails. It is a High Density Polyethylene fabric with an excellent weight to strength ratio, has very good tensile strength, and is extremely resistant to tearing. This fabric also incorporates the latest in ultraviolet stabilizers that provide improved color consistency and colorfastness. This fabric is lead and phthalate free.

Architec 400 cannot ship UPS due to its 150-inch roll width.

FABRIC	High Density Polyethylene (HDPE)
FR STANDARDS MET	NFPA 701; ASTM E-84 Class 1 or A rating
WARRANTY	12-Year Against UV Degradation

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
865140	Aquamarine	164 ft.	12 oz.	150 in.
865142	Black	164 ft.	12 oz.	150 in.
865143	Cappuccino	164 ft.	12 oz.	150 in.
865144	Grape	164 ft.	12 oz.	150 in.
865145	Lemon	164 ft.	12 oz.	150 in.
865146	Lime	164 ft.	12 oz.	150 in.
865147	Midnight Green	164 ft.	12 oz.	150 in.
865148	Navy Blue	164 ft.	12 oz.	150 in.
865149	Orange	164 ft.	12 oz.	150 in.
865150	Porcelain	164 ft.	12 oz.	150 in.
865151	Slate Grey	164 ft.	12 oz.	150 in.

Architec 400® is a registered trademark of Polyfab USA.



COMTEX®

A superior fire rated knitted HDPE shade fabric designed for large tension membrane structures and architectural shade sails. Recommended for larger commercial installations with unsupported spans of up to 100 feet. This fabric is lead and phthalate free.

FABRIC	High Density Polyethylene (HDPE)
FR STANDARDS MET	NFPA 701; ASTM E84 Class A
WARRANTY	10-Year Against UV Degradation

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
865201	Midnight Green	100 ft. (center folded)	10 oz.	150 in.
865203	Aquamarine	100 ft. (center folded)	10 oz.	150 in.
865205	Navy Blue	100 ft. (center folded)	10 oz.	150 in.
865207	Sandstone	100 ft. (center folded)	10 oz.	150 in.
865209	Rust	100 ft. (center folded)	10 oz.	150 in.
865211	Sage	100 ft. (center folded)	10 oz.	150 in.
865213	Slate Gray	100 ft. (center folded)	10 oz.	150 in.
865215	Porcelain	100 ft. (center folded)	10 oz.	150 in.
865219	Bronze	100 ft. (center folded)	10 oz.	150 in.
865221	Black	100 ft. (center folded)	10 oz.	150 in.
865225	Silver	100 ft. (center folded)	10 oz.	150 in.
865227	Red	100 ft. (center folded)	10 oz.	150 in.
865229	Cappuccino	100 ft. (center folded)	10 oz.	150 in.
865231	Café Noir	100 ft. (center folded)	10 oz.	150 in.
865233	White	100 ft. (center folded)	10 oz.	150 in.
865234	Aussie Green	100 ft. (center folded)	10 oz.	150 in.
865237	Golden Yellow	100 ft. (center folded)	10 oz.	150 in.

Comtex® is a registered trademark of Polyfab USA LLC.



POLYTEX®

Polytex is manufactured from High Density Polyethylene (HDPE), using a monofilament and tape construction. The fabric is produced by knitting the monofilament and tape together utilizing “Raschel Knit” (lock stitch) construction to ensure that the fabric will not tear or fray if cut or pierced by sharp objects. Polytex has been designed for shade structures and architectural shade sails, providing UVA & UVB protection greater than 95%. Its high strength to weight ratio, UV performance and fire rating make it the ideal choice for small scale projects where shade and protection are desired. This fabric is lead and phthalate free.

FABRIC	High Density Polyethylene (HDPE)
FR STANDARDS MET	NFPA 701; ASTM E84, Class A Building Material
WARRANTY	10-Year Against UV Degradation

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
865101	Midnight Green	100 ft. (center folded)	8.1 oz.	150 in.
865103	Aquamarine	100 ft. (center folded)	8.1 oz.	150 in.
865105	Navy Blue	100 ft. (center folded)	8.1 oz.	150 in.
865107	Sandstone	100 ft. (center folded)	8.1 oz.	150 in.
865109	Rust	100 ft. (center folded)	8.1 oz.	150 in.
865111	Sage	100 ft. (center folded)	8.1 oz.	150 in.
865113	Slate Grey	100 ft. (center folded)	8.1 oz.	150 in.
865115	Porcelain	100 ft. (center folded)	8.1 oz.	150 in.
865119	Bronze	100 ft. (center folded)	8.1 oz.	150 in.
865121	Black	100 ft. (center folded)	8.1 oz.	150 in.
865125	Silver	100 ft. (center folded)	8.1 oz.	150 in.
865127	Red	100 ft. (center folded)	8.1 oz.	150 in.
865129	Cappuccino	100 ft. (center folded)	8.1 oz.	150 in.
865131	Café Noir	100 ft. (center folded)	8.1 oz.	150 in.
865133	White	100 ft. (center folded)	8.1 oz.	150 in.
865134	Aussie Green	100 ft. (center folded)	8.1 oz.	150 in.
865135	Grape	100 ft. (center folded)	8.1 oz.	150 in.
865136	Lime	100 ft. (center folded)	8.1 oz.	150 in.
865137	Golden Yellow	100 ft. (center folded)	8.1 oz.	150 in.

COMMERCIAL 95™ – SYNTHESIS (COOLAROO)

An ultraviolet-stabilized HPDE monofilament and tape knitted fabric, Commercial 95 – Synthesis was developed specifically for use in fabric structures, awnings and shade covers. Strong and stable, it offers an ideal shade solution for commercial and architectural applications such as school playgrounds, sporting facilities, parking structures, outdoor cafes, car dealerships, outdoor pool areas and more. Designed to “breathe,” Commercial 95 – Synthesis allows cooling breezes to flow through, significantly reducing temperatures beneath. The fabric’s knitted, lock-stitch construction prevents tearing and fraying when cut. Colors remain vivid for years. GREENGUARD®, GREENGUARD® Select and OEKO-TEX® Certified. 100% lead and phthalate free.

FABRIC	UV Stabilized HDPE Mono/Tape Construction
FINISH	Heat Treated
FR STANDARDS MET	ASTM E84, Class A (Class I-25 or under Flame Spread)
WARRANTY	10-Year Against UV Degradation

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
865020	444938	Aquatic Blue	131 ft. (center folded)	10 oz.	118 in.
865021	444945	Black	131 ft. (center folded)	10 oz.	118 in.
865022	444952	Brunswick Green	131 ft. (center folded)	10 oz.	118 in.
865023	444976	Cherry Red	131 ft. (center folded)	10 oz.	118 in.
865024	444983	Desert Sand	131 ft. (center folded)	10 oz.	118 in.
865025	445003	Natural	131 ft. (center folded)	10 oz.	118 in.
865026	445010	Navy Blue	131 ft. (center folded)	10 oz.	118 in.
865028	445027	Rivergum Green	131 ft. (center folded)	10 oz.	118 in.
865029	445034	Sky Blue	131 ft. (center folded)	10 oz.	118 in.
865030	445041	Steel Grey	131 ft. (center folded)	10 oz.	118 in.
865031	445065	Turquoise	131 ft. (center folded)	10 oz.	118 in.
865032	445072	Yellow	131 ft. (center folded)	10 oz.	118 in.
865033	455255	Cayenne	131 ft. (center folded)	10 oz.	118 in.
865034	444990	Deep Ochre Red	131 ft. (center folded)	10 oz.	118 in.
865039	455262	Gun Metal	131 ft. (center folded)	10 oz.	118 in.

Polytex® is a registered trademark of Polyfab USA LLC.

Commercial 95™ is a trademark of Gale Pacific Limited. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. OEKO-TEX™ is a registered trademark of the OEKO-TEX Association.



COMMERCIAL 95 WP™

Synthesis Commercial 95 Waterproof (WP) is a fusion of Gale Pacific’s renowned Commercial 95 architectural shade fabric and over 30 years of polymer coating technology experience. All of the recognized strength, reliability, UV block, and expected product lifespan of Commercial 95 are now complimented with a high quality clear waterproof coating on one side. Commercial 95 WP is a high quality knitted shade fabric with a highly durable waterproof coating. Designed for awnings and shade covers specifically for commercial architectural applications, where a water proof structure is required. 100% lead and phthalate free. GREENGUARD®, GREENGUARD® Select and OEKO-TEX® Certified.

Commercial 95 WP is hot air and wedge weldable. This is not common for HDPE products in the market. In sewing applications, Gale Pacific Acrylic Seam Seal should be applied to ensure a waterproof seal.

FABRIC	High Density Polyethylene (HDPE)
FINISH	UV Stabilized Polyethylene Coating
FR STANDARDS MET	ASTM E84, Class A (Class I-25 or under Flame Spread)
WARRANTY	Coated Side "Up" 5-Year UV, Non-Coated Side "Up" 10-Year UV.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
865050	455293	Desert Sand	131 ft.	106 in.
865051	455446	Natural	131 ft.	106 in.
865052	455453	Deep Ochre	131 ft.	106 in.
865053	455460	Brunswick Green	131 ft.	106 in.
865054	455477	Aquatic Blue	131 ft.	106 in.

Commercial 95™ and Commercial 95 WP™ are trademarks of Gale Pacific Ltd. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. OEKO-TEX™ is a registered trademark of the OEKO-TEX Association.

SAFRSHADE™

SaFRshade is specifically designed to be the safest choice in Architectural Shade Fabric. Made from UV stabilized HDPE monofilament and tape yarns. SaFRshade has a specialized lock stitch knit for more air movement and better channeling of cool breezes. It is constructed to block up to 95% of harmful UV rays. SaFRshade is recyclable, tear resistant and will not crack, rot or fade and has a 10 year manufacturer’s warranty against UV degradation. It is 100% lead and phthalate free. GREENGUARD®, GREENGUARD Select and OEKO-TEX® Certified.

FABRIC	High Density Polyethylene (HDPE)
FR STANDARDS MET	NFPA 701; ASTM E84, Class A; CSFM Section 13115
WARRANTY	10-Year Against UV Degradation

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
865060	456719	Cobalt Blue	35 yd. (center folded)	8.79 oz.	118 in.
865061	456757	Emerald	35 yd. (center folded)	8.79 oz.	118 in.
865062	456771	Terra Cotta	35 yd. (center folded)	8.79 oz.	118 in.
865063	456795	Beige	35 yd. (center folded)	8.79 oz.	118 in.
865064	456924	Slate Grey	35 yd. (center folded)	8.79 oz.	118 in.
865065	456818	Ivory	35 yd. (center folded)	8.79 oz.	118 in.
865066	456863	Nutmeg	35 yd. (center folded)	8.79 oz.	118 in.
865067	456887	Olive	35 yd. (center folded)	8.79 oz.	118 in.

SaFRshade™ is a registered trademark of Gale Pacific. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. OEKO-TEX® is a registered trademark of the OEKO-TEX Association.

SYNTHESIS AF-230™

Synthesis AF-230 is a high quality knitted shade cloth specifically developed as an economical and light weight shade solution for small to medium shade sails and shade structures. Synthesis AF-230 provides high levels of UV protection, superior strength and durability to ensure maintenance free long life performance.

An ideal shade solution for residential backyards, school playgrounds, courtyards, child-care centers, sporting facilities and car parks.

FABRIC	High Density Polyethylene
WARRANTY	10-Year UV

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
902112	Desert Sand	131 ft.	6.8 oz.	118 in.
902113	Terra Cotta	131 ft.	6.8 oz.	118 in.
902114	Aquatic Blue	131 ft.	6.8 oz.	118 in.

Synthesis AF-230™ is a trademark of Gale Pacific.

SYNTHESIS PREMIUM HORTSHADE®

Premium Hortshade is a high quality, heavy duty knitted High Density Polyethylene (HDPE) shade cloth designed to manage and modify climate conditions in a wide range of horticultural, industrial and agricultural applications. Manufactured using 100% monofilament yarn, Premium Hortshade is a remarkably strong shade cloth featuring a unique three way lock-stitch construction that ensures optimum performance in a wide range of applications and all weather extremes. Premium Hortshade is designed to protect crops, livestock, and other valuable assets by minimizing damage from heavy rain, hail, frost, heat, wind and sun.

FABRIC	High Density Polyethylene (HDPE)
WARRANTY	10-Year UV

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
902160	428976	Light	White	164 ft.	12 ft.
902161	428914	Extra Light	Forest Green	164 ft.	12 ft.
902162	428952	Light	Black	164 ft.	12 ft.
902163	428921	Light	Black	164 ft.	6 ft.
902164	428969	Light	Forest Green	164 ft.	12 ft.
902165	428945	Light	White	164 ft.	6 ft.
902166	429034	Medium	Beige	164 ft.	12 ft.
902167	429041	Medium	Forest Green	164 ft.	12 ft.
902168	429027	Medium	Black	164 ft.	12 ft.
902169	429983	Medium	Black	164 ft.	6 ft.
902177	449179	Medium	Black	164 ft.	20 ft.
902178	429058	Medium	White	164 ft.	12 ft.
902179	452582	Medium	White	164 ft.	10 ft.
902190	429010	Medium	White	164 ft.	6 ft.
902191	452568	Medium	White	200 ft.	20 ft.
902192	429089	Heavy	Black	164 ft.	12 ft.
902193	429096	Heavy	Forest Green	164 ft.	12 ft.

Synthesis Premium Hortshade® is a registered trademark of Gale Pacific.

BANTEX®

Bantex Digital Banner Media is a premier digital print media for solvent based, UV curable, and latex digital printers. Bantex Digital Banner Media fabrics are produced from the highest grades of polymer films to ensure ease of profiling and the highest resolution.

Designed specifically for digital printing, Bantex also works well for screen print. It is manufactured with Proprietary Plasticizer Control or PPC to prevent inkjet compatibility issues.

FABRIC	Woven Polyester, except One-Sided 13 oz. and Two-Sided 18 oz., which are weft polyester.
FINISH	PVC Vinyl Laminate/Matte
FR STANDARDS MET	ASTM D6413
WARRANTY	None

ITEM #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
973605	Blackout Two-Sided	White	100 yd.	13 oz.	54 in.
973610	Blackout Two-Sided	White	100 yd.	13 oz.	75 in.
973617	Blackout Two-Sided	White	50 yd. (boxed)	18 oz.	37-1/2 in.
973618	Blackout Two-Sided	White	50 yd. (boxed)	18 oz.	54 in.
973620	Blackout Two-Sided	White	50 yd. (boxed)	18 oz.	74-1/2 in.
973650	One-Sided	White	50 yd. (boxed)	10 oz.	37-1/2 in.
973651	One-Sided	White	50 yd. (boxed)	10 oz.	54 in.
973752	Blackout Two-Sided	White	25 yd. (boxed)	13 oz.	37-1/2 in.
973754	Blackout Two-Sided	White	25 yd. (boxed)	13 oz.	54 in.
973763	Blackout Two-Sided	White	50 yd. (boxed)	10 oz.	37-1/2 in.
973764	Blackout Two-Sided	White	50 yd. (boxed)	10 oz.	54 in.
973772	Blackout Two-Sided	White	50 yd. (boxed)	13 oz.	37-1/2 in.
973774	Blackout Two-Sided	White	50 yd. (boxed)	13 oz.	54 in.

Bantex® is a registered trademark of Herculite Products Inc.

BANTEX® CURL FREE

Smooth surface blackout layer, specially formulated to deliver exceptional curl-free performance.

FABRIC	PVC
FINISH	Smooth Surface
FR STANDARDS MET	ASTM D6413
WARRANTY	None

ITEM #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
973755	Curl Free Blackout Two-Sided	White	50 yd. (boxed)	13 oz.	36 in.
973756	Blackout Two-Sided	White	50 yd. (boxed)	13 oz.	54 in.

Bantex® is a registered trademark of Herculite Products Inc.



PENNANT CLOTH

The ideal choice for all your pennant and safety signage needs, this quality fabric is constructed from vinyl coated 100% polyester. Pennant Cloth is available in a variety of vibrant fluorescent and non-fluorescent (NF) colors (same on both sides). Plus, it's lightweight for easy fabrication. This versatile fabric can be painted, sprayed or screen-printed.

FABRIC	Polyester
FINISH	Vinyl Coated
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
940111	1808-11	Aurora Pink	100 yd.	8 oz.	18 in.
940113	1808-13	Rocket Red	100 yd.	8 oz.	18 in.
940114	1808-14	Fire Orange	100 yd.	8 oz.	18 in.
940115	1808-15	Blaze Orange	100 yd.	8 oz.	18 in.
940117	1808-17	Saturn Yellow	100 yd.	8 oz.	18 in.
940118	1808-18	Signal Green	100 yd.	8 oz.	18 in.
940130	1808-30	Red NF	100 yd.	8 oz.	18 in.
940131	1808-31	White NF	100 yd.	8 oz.	18 in.
940132	1808-32	Blue NF	100 yd.	8 oz.	18 in.
940133	1808-33	Green NF	100 yd.	8 oz.	18 in.
940134	1808-34	Yellow NF	100 yd.	8 oz.	18 in.
940135	1808-35	Orange NF	100 yd.	8 oz.	18 in.
940136	1808-36	Black NF	100 yd.	8 oz.	18 in.
940151	3608-11	Aurora Pink	100 yd.	8 oz.	36 in.
940153	3608-13	Rocket Red	100 yd.	8 oz.	36 in.
940154	3608-14	Fire Orange	100 yd.	8 oz.	36 in.
940155	3608-15	Blaze Orange	100 yd.	8 oz.	36 in.
940157	3608-17	Saturn Yellow	100 yd.	8 oz.	36 in.
940158	3608-18	Signal Green	100 yd.	8 oz.	36 in.
940170	3608-30	Red NF	100 yd.	8 oz.	36 in.
940171	3608-31	White NF	100 yd.	8 oz.	36 in.
940172	3608-32	Blue NF	100 yd.	8 oz.	36 in.
940173	3608-33	Green NF	100 yd.	8 oz.	36 in.
940174	3608-34	Yellow NF	100 yd.	8 oz.	36 in.
940175	3608-35	Orange NF	100 yd.	8 oz.	36 in.
940176	3608-36	Black NF	100 yd.	8 oz.	36 in.

DICKSON® JET TEX

Jet Tex is designed for single strike printing on solvent and/or UV ink-based printing systems. The fabric features a satin, matte finish with no glare or reflection, making it ideal for indoor uses with a range of lighting, including TV and theatre sets, photography backdrops, museums and shopping centers. Specifically designed for busy public venues, this revolutionary fabric is manufactured from flame retardant materials and PVC free resins, and contains no extractable heavy metals.

With a no-gloss, satin-matte finish, Jet Tex fabric supports a variety of indoor uses such as point-of-sale advertising, wallpaper, banners, displays and photography studios.

Available only by drop shipment.

FABRIC	Polyester
FINISH	Matte/Satin
FR STANDARDS MET	NFPA 701 Test Method 2, M-1
WARRANTY	None

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
908504	White	32 yd. (boxed)	7 oz.	54 in.

Dickson® is a registered trademark of Glen Raven, Inc.

VIVITEX™ POLY OXFORD WHITE

The Vivitex collection of printable fabrics from Glen Raven is specifically designed for use on most solvent, eco solvent, UV inkjet and latex printers, and can be used for a variety of indoor and outdoor sign and banner applications. Vivitex fabrics have excellent depth of color and detail, with a matte finish that produces a softer look. The inkjet receptive layer provides a white base to improve color management while creating a barrier which prevents ink bleed through.

This oxford weave polyester fabric has a white inkjet receptive top coat that is suitable for indoor/outdoor applications such as banners, patio/market umbrellas, P.O.P. displays, table drops, backdrops, sales promotions, revolving banners, and promotional bags.

FABRIC	Oxford Weave Polyester
FINISH	White Inkjet Receptive Top Coat
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
908487	1664-0000	White	25 yd.	8 oz.	54 in.
908491	1663-0000	White	50 yd.	8 oz.	60 in.

Vivitex™ is a trademark of Glen Raven, Inc.

VIVITEX™ SUNBRELLA® INKJET WHITE

The Vivitex collection of printable fabrics from Glen Raven is specifically designed for use on most solvent, eco solvent, UV inkjet and latex printers, and can be used for a variety of indoor and outdoor sign and banner applications. Vivitex fabrics have excellent depth of color and detail, with a matte finish that produces a softer look. The inkjet receptive layer provides a white base to improve color management while creating a barrier which prevents ink bleed through.

Sunbrella Inkjet White is Sunbrella awning and marine fabric with a white inkjet receptive top coat suitable for indoor and long-term outdoor applications such as banners (including street poles), awnings, car covers, boat covers, pennants, patio/market umbrellas, P.O.P. displays, wall coverings, table drops, back drops, sales promotions, revolving banners, and promotional bags.

FABRIC	100% Sunbrella Acrylic
FINISH	White Inkjet Receptive Top Coat
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
908495	1666-0000	White	25 yd.	10 oz.	54 in.
908499	1665-0000	White	50 yd.	10 oz.	60 in.

Vivitex™ is a trademark of Glen Raven, Inc. Sunbrella® is a registered trademark of Glen Raven, Inc.

WINDOW GRAPHICS MEDIA PANORAMA

Designed for point-of-purchase and one-way see-through window graphics, this non self-adhesive product can be used for posters, room dividers and advertising on or near windows. This innovative product provides customers with eye catching advertising space and sun control options.

These translucent eye catchers are suitable to communicate messages on glass and transparent materials such as those found in vehicles, doors and buildings. They are perfect for images needing fine text and details that require close viewing, and does not impair the inside to outside view. The face material is a perforated pressure sensitive vinyl film with a bright white front side and black reverse side for maximum contrast. Hole diameter is 1.5 mm. panoRama 1550 range delivers 50% open area (50% print area), and then 1530 range has a 30% open area (70% print area). Available only by drop shipment.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
900460	1530		Black/White	100 ft.	54 in.
900462	1550		Black/White	100 ft.	54 in.
900466	1530	Paper Liner	Black/White	100 ft.	54 in.

WINDOW GRAPHICS MEDIA PANORAMA FABRIC

Designed for point-of-purchase and one-way see-through window graphics, this non self-adhesive product can be used for posters, room dividers and advertising on or near windows. This innovative product provides customers with eye catching advertising space and sun control options.

A black/white perforated rigid vinyl film that's self adhesive. Specifically designed for images requiring fine text and details for close viewing and has a polyethylene liner. Ideal for window graphics where an adhesive backing is required. For use in digital and screen printing with solvent or UV inks.

Available only by drop shipment.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
900672	1540	Black/White	100 ft.	54 in.

TRU COLOR FLAG FR

Tru Color Flag FR is a paper-backed fabric that provides excellent color saturation and gamut. Printable one side, for indoor flags.

FABRIC	Polyester Cloth
FR STANDARDS MET	California State Fire Marshal; NFPA 701

ITEM #	PUT UP	WEIGHT	WIDTH
900700	100 ft.	3.24 oz.	54 in.

TRU COLOR HEAVY BANNER

Printable on one side, Tru Color Heavy Banner is 100% polyester and has an inkjet coated print side. Ideal for outdoor applications, and is suitable to be printed with solvent ink, UV curable, and Latex ink.

FABRIC	Polyester Cloth		
FINISH	Inkjet Coated One Side		
ITEM #	PUT UP	WEIGHT	WIDTH
900750	100 ft.	7.07 oz.	54 in.

UNIVERSAL HEAVY FR

Universal Heavy FR is a fire retardant banner fabric, made of 100% polyester. It's compatible with water-based, solvent, eco-solvent and UV-curable inks, providing perfect, sharp print results with brilliant colors. No paper backing is needed as the fabric feeds perfectly into the printer.

FABRIC	100% Woven Polyester		
FINISH	Matte		
FR STANDARDS MET	NFPA 701		

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
900770	White	100 ft.	4.22 oz.	42 in.
900776	White	100 ft.	4.22 oz.	60 in.

UNIVERSAL LIGHT

Made of 100% polyester, Universal Light banner fabric is compatible with aqueous dye, latex and solvent inks. It provides sharp print results with brilliant colors. No paper backing is needed as it feeds smoothly into the printer. Universal Light works well in both indoor and outdoor applications. Printable on one side.

FABRIC	100% Woven Polyester		
FINISH	Matte		

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
900786	White	150 ft.	3.53 oz.	60 in.

FLAG – NYLON

ITEM #	COLOR	DENIER	PUT UP	WEIGHT	WIDTH
724800	White	200	100 yd., 300 yd. cartons	2.92 oz.	59 in.

AMERGLO™

High quality polyester used for reflecting light. Ideal for items requiring nighttime visibility or reflectivity for added safety.

FABRIC	100% Polyester		
FINISH	Reflective Finish		

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
999330	530	Aluminum	100 yd.	8 oz.	60 in.

Amerglo™ is a trademark of MarChem CFI.

EVOLUTION®

Evolution is an advanced generation fabric, ideal for a wide range of protective applications including automobile covers, sports and equipment bags, marine covers, and tarpaulins. With four-layer construction, it is strong and durable, yet lightweight and drapable. Evolution offers excellent UV resistance and water repellency. Its breathable barrier allows air to circulate and keeps moisture and contaminants out. The fabric is washable, quick drying, mold and mildew resistant, and won't stretch or shrink. All styles have a gray backside.

FABRIC	Polypropylene/Polyethylene			
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
720312	Gray	320 yd.	4.8 oz.	55 in.

Evolution® is a registered trademark of Kimberly-Clark World Wide, Inc.

BLOCK-IT® MATRIX

Block-It Matrix is a storage/mooring cover fabric that is water repellent (not waterproof), breathable, UV, mildew and rot resistant. Matrix is not recommended for trailered (over-the-road) applications.

FABRIC	100% Polypropylene			
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
720308	Gray	370 Yards	3.8 oz.	55 in.

Block-It® is a registered trademark of Kimberly-Clark World Wide, Inc.

NOAH® BARRIER FABRIC

A technologically advanced car cover fabric. Its proprietary bicomponent technology provides the highest level of softness and strength and blocks water, while providing for breathability. Primarily for outdoor use, Noah serves as a complete barrier to most dust, dirt and other environmental hazards and pollutants, and guards against surface scratches. Easily compactible. Industrial tumble front-load machine or hand washable.

FABRIC	Polyethylene and Polypropylene			
WARRANTY	None			
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
720310	Gray	425 yd.	4.7 oz.	55 in.

Noah® is a registered trademark of Kimberly-Clark World Wide, Inc.

SUNFORGER® CAR COVER FLANNEL

Suntan color for boat and automobile covers where flannel is needed to prevent marring of finish. Water repellent and mildew resistant. NOT BOAT SHRUNK. Recommended for dust cover applications. Not intended for trailerable covers.

FABRIC	Canton Flannel
FINISH	Mineral-Dyed

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
710002	Tan	80 yd.	8 oz.	55 in.
710003	Suntan	125 yd.	6 oz.	32 in.

Sunforger® is a registered trademark of M.F. & H Textiles.



SOFTOUCH™

Softouch is a combination of an acrylic coated woven polyester and a soft non-woven backing of 100% polyester. Fabricating professionals can now provide their customers with a material that has the strength, dimensional stability and water and abrasion resistance, along with a scratch resistant softness that comes from the non-woven backing. Now fabricators, covering sensitive gelcoats, critical painted surfaces and delicate objects, can provide worry-free protection. Resists surface growth of mildew, but should not be folded and stored while wet.

FABRIC	Acrylic Coated Woven Polyester
FINISH	Backing: Soft Non-Woven Backing of 100% Polyester
WARRANTY	3-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
774500	908	Taupe	50 yd.	11 oz.	60 in.
774502	949	Black	50 yd.	11 oz.	60 in.
774503	980	Royal Blue	50 yd.	11 oz.	60 in.
774506	987	White	50 yd.	11 oz.	60 in.
774507	988	Forest Green	50 yd.	11 oz.	60 in.
774508	989	Silver Gray	50 yd.	11 oz.	60 in.
774509	998	Harbor Blue	50 yd.	11 oz.	60 in.
774513	994	Caribbean Blue	50 yd.	11 oz.	60 in.
774514	996	Burgundy	50 yd.	11 oz.	60 in.
774517	999	Birch	50 yd.	11 oz.	60 in.
774519	992	Charcoal	50 yd.	11 oz.	60 in.

Softouch™ is a trademark of Marlen Textiles.



COVERLIGHT® CSM COATED NYLON

Coverlight CSM coated nylon features all the advantages of Neoprene coating, but with exceptional abrasion resistance. One of the most versatile cover fabrics. Withstands deterioration by weather, ozone, sunlight, heat and moderately corrosive chemicals. This fabric offers excellent service at high temperatures. More resistant to high temperatures (up to 225°F) and oxidizing agents than Neoprene or vinyl.

CSM Coated Nylon can be sewn or cemented to provide airtight and watertight seams. CSM Coated Nylon cannot be heat or R.F. welded.

Suggested Uses: Lifeboat covers, steam fumigation covers, truck tarpaulins.

FABRIC	Nylon
FINISH	CSM (Chlorosulfanated Polyethylene)
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
965290	15954	Green	100 yd.	16 oz.	60 in.
965291	15955	Red	100 yd.	16 oz.	60 in.
965293	15957	White	100 yd.	16 oz.	60 in.
965294	16147	Red	100 yd.	22 oz.	60 in.
965295	16209	Black	100 yd.	16 oz.	60 in.
965296	16242	Black	50 yd.	35 oz.	60 in.

Coverlight® is a registered trademark of Trelleborg.

COVERLIGHT® NEOPRENE® COATED NYLON

Coverlight Neoprene coated nylon is a versatile general purpose material that provides good resilience and tensile strength. A popular choice for truck tarps, machine covers, and aircraft wing covers. This fabric is resistant to water, mildew and many solvents and petroleum based products. Available with a textured or a dusted surface. The dusted surface requires buffing before applying cement, but is less expensive and lends itself to a better surface for slipping the material on and off a truck, aircraft or similar type equipment. Material cannot be R.F. welded.

Performs well at temperatures up to 225°F

FABRIC	Nylon
FINISH	Neoprene
WARRANTY	None

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
960008	18403	Textured	Black/Black	100 yd.	16 oz.	60 in.
960009	18404	Textured	Black/Aluminum Gray	100 yd.	16 oz.	60 in.
960011	18411	Dusted	Black/Black	100 yd.	16 oz.	60 in.
960012	18412	Dusted	Aluminum Gray/ Aluminum Gray	100 yd.	16 oz.	60 in.
960014	18335		Black	50 yd.	40 oz.	60 in.

Coverlight® is a registered trademark of Trelleborg. Neoprene® is a registered trademark of E.I. du Pont de Nemours and Company.

DOCK SEAL

Outstanding abrasion resistance, tear strength, and weatherability give these products a competitive advantage in the marketplace. Dock Seal is suitable for dock seal and heavy-duty tarp applications.

FABRIC	Polyester
FINISH	Vinyl Coated

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
978293	35-415		Black	50 yd.	35 oz.	60 in.
978294	35-445	High Tear	Black	50 yd.	35 oz.	60 in.

TONNEAU-TEX® SP

A wide width for tonneau covers and protective applications requiring a minimum of seams. High tear and tensile strength. Weather, abrasion and rot resistance. Excellent cleanability and dimensional stability.

FABRIC	100% Polyester Base
FINISH	Crush Embossed, Vinyl Coated

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
734515	Black	25 yd.	18 oz.	78 in.

Tonneau-Tex® is a registered trademark of Bruin Plastics Co.

TRIVANTAGE® GVC18

Trivantage GVC18 is an ideal choice for situations demanding a strong, durable tarp fabric.

Trivantage GVC18 resists rips, tears, abrasions and punctures. Performing well for all kinds of fitted, flat and special-duty tarps, this strong, economical fabric features an exceptionally soft hand that allows for ease of fabrication. It stays tough and can be easily handled at very low temperatures.

FABRIC	Vinyl Coated Polyester
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ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
960200	Black	100 yd.	18 oz.	61 in.
960201	Blue	100 yd.	18 oz.	61 in.
960202	Red	100 yd.	18 oz.	61 in.
960203	White	100 yd.	18 oz.	61 in.
960204	Green	100 yd.	18 oz.	61 in.
960205	Yellow	100 yd.	18 oz.	61 in.
960206	Orange	100 yd.	18 oz.	61 in.
960207	Gray	100 yd.	18 oz.	61 in.
960208	Tan	100 yd.	18 oz.	61 in.
960209	Burgundy	100 yd.	18 oz.	61 in.
960210	Brown	100 yd.	18 oz.	61 in.

Trivantage® is a registered trademark of Glen Raven, Inc.

TRU-TARP PLUS

For use in applications that require strength, such as truck and equipment covers, tarps, container covers, pond liners, air structures, tennis court backdrops and swimming pool covers.

FABRIC	PVC Coated Polyester
FINISH	Matte

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
967230	999	Black	110 yd.	18 oz.	61 in.
967231	899	Blue	110 yd.	18 oz.	61 in.
967233	733	Green	110 yd.	18 oz.	61 in.
967235	699	Yellow	110 yd.	18 oz.	61 in.
967236	599	Orange	110 yd.	18 oz.	61 in.
967237	448	Red	110 yd.	18 oz.	61 in.
967238	399	Gray	110 yd.	18 oz.	61 in.
967240	199	White	110 yd.	18 oz.	61 in.

UTILITY TRASH TARP FABRIC

This multi-colored mesh is ideally suited for trash truck covers and tarpaulins where rain or moisture protection is not required. Used to secure truckload contents against littering of roadways from fallout or blowoff. This material may be sewn together or bonded, and is abrasion and UV resistant.

FABRIC		Vinyl Encapsulated Woven Polyester, Open Mesh				
ITEM #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH	
997098	Multi-Color	11 x 11	100 yd.	9 oz.	96 in.	

PHIFERTEX® RECREATIONAL MESH

Ideal for jump pit applications.

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC		Vinyl Encapsulated Polyester Yarns				
FR STANDARDS MET		California Technical Bulletin 117				
WARRANTY		3-Year				
ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
997322	M96	Christmas Red	13 x 12	60 yd.	10.3 oz.	72 in.
997350	G00	Royal Blue	13 x 12	60 yd.	10.3 oz.	72 in.

Phifertex® is a registered trademark of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

POLYESTER UTILITY MESH

This medium weight fabric offers an excellent balance of strength and degree of openness. The main application is mesh truck covers.

FABRIC		Polyester				
FINISH		Vinyl Encapsulated				
ITEM #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH	
997077	Black	11 x 11	100 yd.	11.5 oz.	96 in.	
997099	Black	11 x 11	100 yd.	11.5 oz.	72 in.	

PHIFERTEX® GENERAL PURPOSE

Phifertex is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC		Vinyl Encapsulated Polyester Yarns			
WARRANTY		3-Year			
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
997081	X04	Black	100 yd.	8.3 oz.	48 in.

Phifertex® is a registered trademark of Phifer Inc. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

VCP

Premium vinyl coated polyester fabric for over-the-road covers.

FABRIC		Vinyl Coated Polyester			
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
967001	G14468	White	110 yd.	14 oz.	61 in.
967002	G14468	Royal Blue	110 yd.	14 oz.	61 in.
967003	G14468	Green	110 yd.	14 oz.	61 in.
967004	G14468	Black	110 yd.	14 oz.	61 in.
967005	G14468	Yellow	110 yd.	14 oz.	61 in.
967006	G14468	Gray	110 yd.	14 oz.	61 in.
967100	G16468	Red	110 yd.	16 oz.	61 in.
967102	G16468	Royal Blue	110 yd.	16 oz.	61 in.
967104	G16468	Black	110 yd.	16 oz.	61 in.
967105	G16468	Yellow	110 yd.	16 oz.	61 in.
967106	G16468	Gray	110 yd.	16 oz.	61 in.
967200	G18468	Red	110 yd.	18 oz.	61 in.
967201	G18468	White	110 yd.	18 oz.	61 in.
967202	G18468	Royal Blue	110 yd.	18 oz.	61 in.
967203	G18468	Green	110 yd.	18 oz.	61 in.
967204	G18468	Black	110 yd.	18 oz.	61 in.
967205	G18468	Yellow	110 yd.	18 oz.	61 in.
967206	G18468	Gray	110 yd.	18 oz.	61 in.
967207	G18468	Orange	110 yd.	18 oz.	61 in.
967208	G18468	Sky Blue	110 yd.	18 oz.	61 in.
967209	G18468	Cocoa Brown	110 yd.	18 oz.	61 in.
967210	G18468	Burgundy	110 yd.	18 oz.	61 in.
967211	G18468	Tan	110 yd.	18 oz.	61 in.
967300	G22415	Red	110 yd.	22 oz.	61 in.
967301	G22415	White	110 yd.	22 oz.	61 in.
967302	G22415	Royal Blue	110 yd.	22 oz.	61 in.
967303	G22415	Green	110 yd.	22 oz.	61 in.
967304	G22415	Black	110 yd.	22 oz.	61 in.
967305	G22415	Yellow	110 yd.	22 oz.	61 in.
967306	G22415	Gray	110 yd.	22 oz.	61 in.
967307	G22415	Orange	110 yd.	22 oz.	61 in.

VINYL COATED TARP FABRICS

Extremely strong and durable. Highly water resistant. Rated to -40°F.

FABRIC	Polyester
FINISH	Vinyl Coated

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
968021	G16330 902	Black	110 yd.	16 oz.	61 in.

ENERGY SHIELD™

This reflective, laminated fabric is ideal for insulating industrial curtains, and drop ceilings. It is also used for thermal barriers, reflective spa cover liners, soft-sided coolers, airplane windshield covers, reflective tarpaulins, pizza bags, and many more energy-saving applications.

FABRIC	Vinyl Laminated Polyester
FINISH	Taffeta Embossing

ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
975398	100	50 yd.	18 oz.	54 in.
975399	200	100 yd.	10 oz.	54 in.

Energy Shield™ is a trademark of Bruin Plastics Company, Inc.

FYRGUARD™ FIRE AND WATER-RESISTANT COVER DUCK

Number and Single-Filled Ounce Ducks are treated to meet the many uses where fire resistance is of primary importance. The treatment penetrates the fabric and does not allow it to support flame. **Sold in full rolls only.**

FABRIC	Cotton Ounce Duck
FR STANDARDS MET	CPAI-84
WARRANTY	None

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
766024	Olive Drab	100 yd.	10 oz.	36 in.
766034	Olive Drab	100 yd.	12 oz.	36 in.
766044	Olive Drab	100 yd.	14.9 oz.	36 in.
766152	Olive Drab	100 yd.	10 oz.	48 in.
766154	Olive Drab	100 yd.	12 oz.	48 in.

Fyrguard™ is a trademark of Glen Raven, Inc.

SKIPPER WATER-RESISTANT COVER DUCK

High-count, single-filled ounce duck, treated with the most dependable water- and mildew-resistant compounds. Ideal for tarps and covers. **Sold in full rolls only.**

FABRIC	Cotton Ounce Duck
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ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
763614	Olive Drab	100 yd.	14.9 oz.	36 in.
763653	Green	100 yd.	10 oz.	36 in.
763654	Olive Drab	100 yd.	10 oz.	36 in.
763664	Olive Drab	100 yd.	12 oz.	36 in.
764104	Olive Drab	100 yd.	10 oz.	48 in.
764114	Olive Drab	100 yd.	10 oz.	60 in.
764115	Olive Drab	100 yd.	14.9 oz.	48 in.
764154	Olive Drab	100 yd.	12 oz.	48 in.

NAPBAK™ FLANNEL

A "wet" finish paraffin treated tan surface with a white flannel underside, this fabric is excellent for painted, varnished, or highly finished surfaces. **Sold in full rolls only.**

FABRIC	Cotton Twill
FINISH	Napped One Side, Water Resistant Other Side
WARRANTY	None

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
765215	Tan	100 yd.	10 oz.	34 in.
765225	Tan	100 yd.	12 oz.	34 in.

Napbak™ is a trademark of Glen Raven, Inc.

HERCULITE® TRANSLUCENT

Laminated fabrics that are used in a variety of applications including construction enclosures, agricultural curtains, and divider curtains.

FABRIC	Vinyl Laminated Polyester
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ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
972966	T9	100 yd.	9 oz.	60 in.

Herculite® is a registered trademark of Herculite Products Inc.

HERCULITE® TRANSLUCENT – FLAME RETARDANT

Laminated fabrics that are used in a variety of applications including construction enclosures, agricultural curtains, and divider curtains.

FABRIC	Vinyl Laminated Polyester
FR STANDARDS MET	ASTM D6413

ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
973030	T13	75 yd.	13 oz.	62 in.

Herculite® is a registered trademark of Herculite Products Inc.

HERCULITE® NO. 80M

A heavy duty laminated fabric that is used in a variety of applications including stationary tarpaulins, sandblast screens, divider curtains, lifeboat covers and cargo covers.

FABRIC	Vinyl Laminated Polyester
FR STANDARDS MET	ASTM D6413

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
973120	80M	Red	50 yd.	18 oz.	61 in.
973122	80M	Navy	50 yd.	18 oz.	61 in.
973123	80M	Gray	50 yd.	18 oz.	61 in.
973124	80M	White	50 yd.	18 oz.	61 in.
973125	80M	Olive Drab	50 yd.	18 oz.	61 in.
973126	80M	Yellow	50 yd.	18 oz.	61 in.
973127	80M	Black	50 yd.	18 oz.	61 in.

Herculite® is a registered trademark of Herculite Products Inc.

HERCULITE® NO. 90

A heavy duty, shrink resistant laminated fabric that is used in a variety of applications including cargo covers, gym floor covers, heavy-duty upholstery, portable shelters, stationary tarpaulins and tonneau covers.

FABRIC	Vinyl Laminated Polyester
FR STANDARDS MET	ASTM D6413

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
973140	90	Grey	50 yd.	18 oz.	61 in.
973141	90	White	50 yd.	18 oz.	61 in.
973142	90	Black	50 yd.	18 oz.	61 in.
973143	90	Green	50 yd.	18 oz.	61 in.
973144	90	Yellow	50 yd.	18 oz.	61 in.
973145	90	Royal Blue	50 yd.	18 oz.	61 in.
973146	90	Red	50 yd.	18 oz.	61 in.
973147	90	Fawn	50 yd.	18 oz.	61 in.

Herculite® is a registered trademark of Herculite Products Inc.

WEBLON® ECONOMY

A moderately priced, easy to handle protective fabric for medium to light indoor and outdoor uses, such as industrial covers and curtains. Flame and mildew resistant. Economy is easily cleaned.

FABRIC	100% Polyester
FINISH	Vinyl Laminated
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
975707	D62573	White	50 yd.	8 oz.	62 in.

Weblon® is a registered trademark of Herculite Products Inc.

LAM-A-LITE STYLE C13604

This vinyl laminated polyester provides an economically priced option in general-purpose fabrics. It is mildew resistant. Not recommended for over the road tarp applications.

Suggested End Uses: wall pads, equipment covers, cushions and curtains.

FABRIC	Vinyl Laminated Polyester
FR STANDARDS MET	California State Fire Marshal; NFPA 701, Test Method 2

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
975120	Green	100 yd.	13 oz.	61 in.
975121	Yellow	100 yd.	13 oz.	61 in.
975122	Black	100 yd.	13 oz.	61 in.
975123	Red	100 yd.	13 oz.	61 in.
975124	White	100 yd.	13 oz.	61 in.
975125	Gray	100 yd.	13 oz.	61 in.
975126	Blue	100 yd.	13 oz.	61 in.
975127	Tan	100 yd.	13 oz.	61 in.

Lam-A-Lite™ is a trademark of Glen Raven, Inc.

LAM-A-LITE™ STYLE C10641

This vinyl laminated polyester provides an economically priced option in general-purpose fabrics. It is mildew resistant. Not recommended for over the road tarp applications.

Suggested End Uses: disposable emergency tarps, dust covers and curtains.

FABRIC	Vinyl Laminated Polyester
FR STANDARDS MET	California State Fire Marshal; NFPA 701, Test Method 2

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
975001	Yellow	100 yd.	10 oz.	61 in.
975002	Black	100 yd.	10 oz.	61 in.
975003	Red	100 yd.	10 oz.	61 in.
975004	White	100 yd.	10 oz.	61 in.
975005	Gray	100 yd.	10 oz.	61 in.
975006	Blue	100 yd.	10 oz.	61 in.

Lam-A-Lite™ is a trademark of Glen Raven, Inc.

NICO-FAB® TARP FABRIC

A low cost, first quality polypropylene tarp fabric. This material is highly ultraviolet resistant due to the amount of carbon black used. Suitable for mesh truck tarps.

FABRIC	Polypropylene
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ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
902885	25109	Black	100 yd.	4.5 oz.	143 in.
902888	20409	Black	100 yd.	6.2 oz.	96 in.

Nico-Fab® is a registered trademark of Ten Cate Nicolon.

TARPSHADE

Knitted polyethylene mesh for trash truck tarps and shade house structures for nurseries.

FABRIC	High-Density Polyethylene
WARRANTY	None

ITEM #	COLOR	PUT UP	WIDTH
902141	Black	200 ft.	144 in.
902142	Green	200 ft.	144 in.
902157	Black	200 ft.	240 in.

PHTHALATE-FREE LAMINATE

Phthalate-Free Laminate is free of lead and phthalates and has anti-mildew, anti-fungal and antimicrobial properties. This high tensile and tear strength embossed laminated fabric resists abrasion and is heat sealable. It's ideal for use in covers and athletic and gymnasium applications.

Items are drop ship only.

FABRIC	Polyester
FINISH	LeatherLike™ Lite Emboss

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
975810	Gray	75 yd.	14 oz.	61 in.
975811	Black	75 yd.	14 oz.	61 in.
975812	Forest Green	75 yd.	14 oz.	61 in.
975813	Kelly Green	75 yd.	14 oz.	61 in.
975814	Navy Blue	75 yd.	14 oz.	61 in.
975815	Dark Blue	75 yd.	14 oz.	61 in.
975816	Marine Blue	75 yd.	14 oz.	61 in.
975817	Maroon	75 yd.	14 oz.	61 in.
975818	Purple	75 yd.	14 oz.	61 in.
975819	Beige	75 yd.	14 oz.	61 in.
975820	Red	75 yd.	14 oz.	61 in.
975821	Orange	75 yd.	14 oz.	61 in.
975822	Yellow	75 yd.	14 oz.	61 in.

LeatherLike™ is a trademark of Snyder Manufacturing.

POLY-MESH L60611

Lightweight, yet incredibly strong, Poly-Mesh is a durable fabric ideal for a variety of applications including pool covers, sail bags, boat covers, shade cloth and truck covers.

FABRIC	1000 Denier Weft Inserted Warp Knit Polyester
FINISH	Vinyl Coated, Glossy

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
910072	2406WL	White	80 yd.	5.6 oz.	61 in.
910078	2410WL	Black	80 yd.	5.6 oz.	61 in.

SHELTER-RITE® POLY-R SCRIM

A mesh fabric exhibiting superior resistance to ultraviolet degradation. A significant feature is the maintenance of strength for added years of product service.

Suggested Uses: Trash truck covers, tennis court dividers, wind screens, gravel and sand truck tarps, canal erosion liners, paddle tennis curtains, pool covers.

FABRIC	Vinyl Coated Polyester, Open Mesh					
WARRANTY	None					
ITEM #	COLOR	COLOR NUMBER	PUT UP	WEIGHT	WIDTH	
950702	Red	DC-2	100 yd.	7 oz.	60 in.	
950704	Gray	DC-4	100 yd.	7 oz.	60 in.	
950706	White	DC-6	100 yd.	7 oz.	60 in.	
950707	Black	DC-7	100 yd.	7 oz.	60 in.	
950724	Green	DC-24	100 yd.	7 oz.	60 in.	
950742	Yellow	DC-42	100 yd.	7 oz.	60 in.	
950746	Royal Blue	DC-46	100 yd.	7 oz.	60 in.	

Shelter-Rite® is a registered trademark of the Seaman Corporation.

SHELTER-RITE® TARP FABRIC STYLE 2118

Designed for high performance and flexibility. Shelter-Rite fabrics are highly resistant to tears and abrasion.

Suggested Uses: Truck tarps, marine canopies, reefer ducts, modular fitted protection covers, pool covers, agricultural and industrial seating upholstery.

FABRIC	Vinyl Coated Nylon					
ITEM #	STYLE #	COLOR	COLOR NUMBER	PUT UP	WEIGHT	WIDTH
951850	2118	Black	DC-7	110 yd.	18 oz.	61 in.

Shelter-Rite® is a registered trademark of the Seaman Corporation.

SHELTER-RITE® TARP FABRIC STYLE 3022

Designed for high performance and flexibility. Shelter-Rite fabrics are highly resistant to tears and abrasion.

Suggested Uses: Tough applications where high tear strength, high tensile strength, high adhesion and exceptional weather resistance are of prime importance.

FABRIC	Vinyl Coated Nylon					
ITEM #	STYLE #	COLOR	COLOR NUMBER	PUT UP	WEIGHT	WIDTH
952207	3022	Black	DC-7	100 yd.	22 oz.	61 in.

Shelter-Rite® is a registered trademark of the Seaman Corporation.



VCN AERON®-27

A lightweight 100% nylon fabric, VCN Aeron-27 is suitable for use in any cold air inflatable application.

FABRIC	Nylon					
FINISH	Vinyl Coated					
ITEM #	COLOR	COLOR NUMBER	PUT UP	WEIGHT	WIDTH	
950780	Red		100 yd.	7 oz.	60 in.	
950781	Black		100 yd.	7 oz.	60 in.	
950783	Orange		100 yd.	7 oz.	60 in.	
950784	Royal Blue		100 yd.	7 oz.	60 in.	
950785	White		100 yd.	7 oz.	60 in.	
950788	Navy Blue	289	100 yd.	7 oz.	60 in.	
950789	Light Royal Blue	293	100 yd.	7 oz.	60 in.	

Aeron® is a registered trademark of Flexfirm Products, Inc.

VCN AERON®-27 – FLAME RETARDANT

A lightweight 100% nylon fabric, VCN Aeron-27 is suitable for use in any cold air inflatable application.

FABRIC	Nylon
FINISH	Vinyl Coated
FR STANDARDS MET	FAR25.853 Paragraph B

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
950790	Black	100 yd.	7 oz.	60 in.

Aeron® is a registered trademark of Flexfirm Products, Inc.

ARABIAN™ DYED ARMY DUCK

Solid vat-dyed colors for curtains, draperies, cushions, pennants and bags. Water-repellent. Continuous exposure to sunlight will cause fading.

Some commercial shade variance can be expected from dye lot to dye lot on all piece-dyed cotton goods.

FABRIC	Cotton Army Duck
FINISH	Water Repellent

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
736301	1	Bleach White	100 yd.	10.10 oz.	60 in.
736303	3	Black	100 yd.	10.10 oz.	60 in.
736306	6	Red	100 yd.	10.10 oz.	60 in.
736312	12	Regatta Blue	100 yd.	10.10 oz.	60 in.
736315	15	Harvest Tan	100 yd.	10.10 oz.	60 in.
736321	21	Midnight	100 yd.	10.10 oz.	60 in.

CHAIR DUCK

Commercial water-repellent finish on cotton number duck. For chairs, bags, or products where a heavier duck is needed. Continuous exposure to sunlight will cause fading.

FABRIC	Cotton Number Duck
FINISH	Water Repellent

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
738249	#8	Brown	75 yd.	18 oz.	58 in.
738250	#8	Black	75 yd.	18 oz.	58 in.
738252	#8	Navy	75 yd.	18 oz.	58 in.
738254	#8	Khaki	75 yd.	18 oz.	58 in.
738255	#8	Olive Drab	75 yd.	18 oz.	58 in.
738256	#8	Linen	75 yd.	18 oz.	58 in.
738258	#8	Bleach White	75 yd.	18 oz.	58 in.
738259	#8	Brite	75 yd.	18 oz.	58 in.
738261	#8	Hunter Green	75 yd.	18 oz.	58 in.
738262	#8	Cobalt Blue	75 yd.	18 oz.	58 in.
738263	#8	Yellow	75 yd.	18 oz.	58 in.

STA-SOFT™ COVER DUCK

A water-resistant, dyed number duck, ideal for covers in cold climates where material must remain pliable. Also suitable for cot covers and other specialty items. Continuous exposure to sunlight will cause fading.

FABRIC	Cotton Number Duck
FINISH	Dyed, Dry Finish

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
743137	#8	Olive Drab	100 yd.	18 oz.	58 in.
743140	#10	Olive Drab	100 yd.	14.73 oz.	58 in.
743148	#8	Olive Drab	100 yd.	18 oz.	46 in.

DOUBLE-FILLED PRE-SHRUNK BLEACHED DUCK

For aisle cloths, drop cloths, filter cloths, dust covers, bags, banners, and numerous other specialty uses.

FABRIC	Cotton
FINISH	Natural/Bleached

ITEM #	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
700006	84 x 28	300 yd.	7 oz.	36 in.

MIDWEST BRAND WIDE – NUMBER DUCK

Suggested Uses: Heavy bags, roofing and floor covering (No. 8 or No. 10), laundry and harvester machine aprons, unprimed artist canvas (No. 12).

FABRIC	Cotton Duck
FINISH	None (Greige)

ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
631026	#2/0	100 yd.	32 oz.	26 in.
631448	#4	100 yd.	24 oz.	48 in.
631460	#4	100 yd.	24 oz.	60 in.
631636	#6	100 yd.	20 oz.	36 in.
631660	#6	100 yd.	20 oz.	60 in.
631836	#8	100 yd.	18 oz.	36 in.
631848	#8	100 yd.	18 oz.	48 in.
631860	#8	100 yd.	18 oz.	60 in.
631872	#8	100 yd.	18 oz.	72 in.
632036	#10	100 yd.	14.5 oz.	36 in.
632048	#10	100 yd.	14.5 oz.	48 in.
632060	#10	100 yd.	14.5 oz.	60 in.
632072	#10	100 yd.	14.5 oz.	72 in.
632120	#10	100 yd.	14.5 oz.	120 in.
632236	#12	100 yd.	11.5 oz.	36 in.
632248	#12	100 yd.	11.5 oz.	48 in.
632260	#12	100 yd.	11.5 oz.	60 in.
632272	#12	100 yd.	11.5 oz.	72 in.
632284	#12	100 yd.	11.5 oz.	84 in.
632320	#12	100 yd.	11.5 oz.	120 in.
632324	#12	50 yd.	11.5 oz.	144 in.

SATEEN DUCK

For dust covers, and large vacuum bags.

FABRIC		Cotton Duck		
ITEM #	PUT UP	WEIGHT	WIDTH	
640011	250 yd.	8.2 oz.	58 in.	

SINGLE-FILLED ENAMELING DUCK

For pipe wrappers, artist cloth, dust covers, luggage lining, canvas shoes, sneakers and many other uses.

FABRIC		Cotton Duck		
ITEM #	PUT UP	WEIGHT	WIDTH	
636007	100 yd.	7 oz.	72 in.	

SINGLE-FILLED OUNCE DUCK

A flat-weave duck with single yarns in warp and filling. Suitable for drop cloths, bags and other specialty items.

FABRIC		Cotton Duck		
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
616026	White	100 yd.	10 oz.	36 in.
616036	White	100 yd.	12 oz.	36 in.
616048	White	100 yd.	14.9 oz.	36 in.
616060	White	100 yd.	10 oz.	48 in.
616063	White	100 yd.	10 oz.	60 in.
616065	White	100 yd.	10 oz.	72 in.
616070	White	100 yd.	12 oz.	48 in.
616080	White	100 yd.	14.9 oz.	48 in.

SINGLE-FILLED OUNCE DUCK – A-GRADE

FABRIC		Cotton		
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
600137	White	100 yd.	10 oz.	60 in.

U.S. ARMY DUCK NATURAL

A plain-weave, firmly woven fabric made of long-staple, clean white cotton with high count, plied warp and filling yarn construction (two or more strands twisted together).

FABRIC		Cotton Duck		
ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
618018	Natural/White	100 yd.	10.38 oz.	37 in.
618024	Natural/White	100 yd.	12.98 oz.	37 in.

VAT-DYED OLIVE DRAB SHADE 7 DUCK

A water and mildew resistant specialty fabric, ideal for tool kits, bags, aprons, bunk bottoms, truck seats, etc.

FABRIC		Cotton Number Duck		
FINISH		Vat Dyed		
WARRANTY		None		

ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
743119	#10	100 yd.	14.73 oz.	58 in.
743123	#8	100 yd.	18 oz.	58 in.

CANTON FLANNEL NATURAL – UNTREATED

A clean, high count twill is used to produce this fabric with nap on one side. Ideal for furniture and appliance pads and covers. Not water repellent, if water repellency is required, see Napbak™ Flannel.

FABRIC		Cotton Twill, 65% Polyester/35% Cotton		
FINISH		Napped, one side		
ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
656002	908	300 yd.	8 oz.	38 in.
656008	910	300 yd.	10 oz.	38 in.
656011	912	300 yd.	12 oz.	38 in.
656070	908	250 yd.	8 oz.	71 in.

Napbak™ is a trademark of Glen Raven, Inc.



BETTERVUE™

Phifer's BetterVue insect screening for windows, doors and porches is an excellent visibility insect screen designed to maximize outward view.

Woven from small, refined yarns that improve the screen's openness, BetterVue makes visibility sharper and more brilliant. It's like a "high definition" insect screen for windows, doors, and screened porches. With BetterVue, customers see the clear and vibrant view, not the screen.

BetterVue has excellent visibility from inside and better curb appeal when viewing windows from the street. It features excellent insect protection due to 30% smaller openings than standard screen. An excellent product for coastal regions, BetterVue is available in black and has improved light transmittance and improved airflow due to increased openness.

BetterVue is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC		Fiberglass				
ITEM #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH	
902740	Black	20 x 20	100 ft.	2.5 oz.	24 in.	
902742	Black	20 x 20	100 ft.	2.5 oz.	30 in.	
902744	Black	20 x 20	100 ft.	2.5 oz.	36 in.	
902746	Black	20 x 20	100 ft.	2.5 oz.	48 in.	
902748	Black	20 x 20	100 ft.	2.5 oz.	60 in.	
902750	Black	20 x 20	100 ft.	2.5 oz.	72 in.	
902752	Black	20 x 20	100 ft.	2.5 oz.	84 in.	
902754	Black	20 x 20	100 ft.	2.5 oz.	96 in.	

NO-SEE-UM NETTING

This netting's tight construction prevents even the smallest bugs from getting into outdoor enclosures.

FABRIC		Polyester		
ITEM #	COLOR	PUT UP	WIDTH	
902835	Gray	100 yd.	72 in.	

PHIFER® FIBERGLASS SCREENING

A mesh screening of woven fiberglass. Dimensionally stable – does not shrink or stretch. Will not corrode. Unaffected by salt air, smoke and fumes. Excellent impact resistance. Will not support combustion. Easily fabricated for windows and doors. Not recommended for swimming pool covers because of the effects of chlorine on the fabric.

FABRIC		Vinyl Coated Fiberglass		
FINISH		PVC over Fiberglass		
FR STANDARDS MET		FL-L.S.-125B		

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
902795	3002668	Charcoal	18 x 16	600 linear ft.	3.3 oz.	72 in.
902807	3003518	Charcoal	20 x 20	100 linear ft.	3.3 oz.	36 in.
902812	3003382	Charcoal	18 x 14	100 linear ft.	3.3 oz.	48 in.
902814	3002660	Charcoal	18 x 16	600 linear ft.	3.3 oz.	60 in.
902815	3002652	Charcoal	18 x 16	600 linear ft.	3.3 oz.	48 in.
902819	3002527	Charcoal	18 x 16	100 linear ft.	3.3 oz.	72 in.
902821	3003328	Silver Gray	18 x 14	100 linear ft.	3.3 oz.	84 in.
902822	3000063	Charcoal	18 x 14	100 linear ft.	3.3 oz.	84 in.
902823	3003520	Charcoal	20 x 20	100 linear ft.	3.3 oz.	60 in.
902824	3003505	Silver Gray	20 x 20	100 linear ft.	3.3 oz.	84 in.
902825	3003866	Charcoal	20 x 30	100 linear ft.	3.3 oz.	84 in.
902826	3003379	Charcoal	18 x 14	100 linear ft.	3.3 oz.	36 in.
902828	3000019	Charcoal	18 x 16	100 linear ft.	3.3 oz.	36 in.
902829	3000016	Charcoal	18 x 16	100 linear ft.	3.3 oz.	48 in.
902849	3003321	Silver Gray	18 x 14	100 linear ft.	3.3 oz.	48 in.
902850	3002201	Silver Gray	18 x 16	100 linear ft.	3.3 oz.	36 in.
902852	3002209	Silver Gray	18 x 16	100 linear ft.	3.3 oz.	48 in.
902853	3003312	Silver Gray	18 x 16	100 linear ft.	3.3 oz.	60 in.
902854	3002526	Charcoal	18 x 16	100 linear ft.	3.3 oz.	60 in.
902856	3003326	Silver Gray	18 x 14	100 linear ft.	3.3 oz.	72 in.
902857	3002257	Silver Gray	18 x 16	600 linear ft.	3.3 oz.	48 in.
902858	3003324	Silver Gray	18 x 14	100 linear ft.	3.3 oz.	60 in.
902859	3003519	Charcoal	20 x 20	100 linear ft.	3.3 oz.	48 in.
902862	3002218	Silver Gray	18 x 16	100 linear ft.	3.3 oz.	84 in.
902863	3002215	Silver Gray	18 x 16	100 linear ft.	3.3 oz.	72 in.
902864	3003502	Silver Gray	20 x 20	100 linear ft.	3.3 oz.	48 in.
902891	3003504	Silver Gray	20 x 20	100 linear ft.	3.3 oz.	72 in.
902920	3003521	Charcoal	20 x 20	100 linear ft.	3.3 oz.	72 in.
902924	3000022	Charcoal	18 x 14	100 linear ft.	3.3 oz.	108 in.
902941	3003384	Charcoal	18 x 14	100 linear ft.	3.3 oz.	60 in.

Phifer® is a registered trademark of Phifer Incorporated.

BetterVue™ is a trademark of Phifer Inc. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute. Microban® is a registered trademark of Microban Products Company.

PHIFER® TUFFSCREEN®

This heavy-duty insect screening is three times stronger than regular insect screening. Pet-resistant and tear and puncture-resistant, it is ideal for use in high traffic areas.

TuffScreen is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the screen. Microban® protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping screens cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

ITEM #	COLOR	PUT UP	WIDTH
902771	Black	100 ft.	48 in.

TuffScreen® and Phifer® are registered trademarks of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

PHIFER® SOLAR INSECT SCREENING

A mesh screening of woven fiberglass. Dimensionally stable – does not shrink or stretch. Will not corrode. Unaffected by salt air, smoke and fumes. Excellent impact resistance. Will not support combustion. Easily fabricated for windows and doors. Not recommended for swimming pool covers because of the effects of chlorine on the fabric. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Vinyl Coated Fiberglass
FINISH	PVC over Fiberglass
FR STANDARDS MET	FL-L.S.-125B

ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
902808	3003847	Silver Gray	20 x 30	100 linear ft.	3.3 oz.	48 in.
902809	3003865	Charcoal	20 x 30	100 linear ft.	3.3 oz.	72 in.
902811	3003863	Charcoal	20 x 30	100 linear ft.	3.3 oz.	48 in.
902830	3003848	Silver Gray	20 x 30	100 linear ft.	3.3 oz.	60 in.
902831	3003864	Charcoal	20 x 30	100 linear ft.	3.3 oz.	60 in.

Phifertex® is a registered trademark of Phifer Incorporated. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

PHIFER® PETSREEN®

A heavy-duty, vinyl-coated polyester insect screening, PetScreen is seven times stronger than traditional insect screening and resists tears, punctures and other damage caused by pets and heavy wear in high traffic areas. Suggested uses: excellent for exterior screen doors where pet resistance is needed.

PetScreen® is infused with Microban® antimicrobial product protection, helping to provide an additional level of cleanliness protection that won't wash or wear away for the lifetime of the fabric. Microban protection inhibits the growth of stain and odor-causing bacteria, mold and mildew and works continuously, keeping fabrics cleaner for longer. This product is GREENGUARD® and GREENGUARD® Gold certified.

FABRIC	Woven Vinyl Coat Polyester
FINISH	Vinyl PVC
FR STANDARDS MET	California Technical Bulletin 117

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
902785	Black	100 ft.	11 oz.	60 in.
902787	Black	100 ft.	11 oz.	72 in.
902798	Black	100 ft.	11 oz.	48 in.
902800	Black	100 ft.	11 oz.	36 in.

Phifer® and Petscreen® are registered trademarks of Phifer Incorporated. Microban® is a registered trademark of Microban Products Company. GREENGUARD® is a registered trademark of GREENGUARD Environmental Institute.

PHIFER® ALUMINUM SCREENING

Aluminum screening for all window, door and porch applications.

FABRIC	Aluminum
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ITEM #	COLOR	FABRIC COUNT	PUT UP	WIDTH
901881	Brite-Kote	18 x 16	100 ft.	60 in.
901885	Brite Bronze	18 x 14	100 ft.	60 in.

Phifer® is a registered trademark of Phifer Incorporated.

DUVETYNE

Blackout material commonly used by theaters, movie and video production facilities, stage supply shops, grip departments and other production companies. Fabric is dyed black and napped on one side. For interior uses such as scenery backdrops and curtains. 10 oz. version is commonly referred to as "commando."

Laundering fabric may damage the finish.

FABRIC	Cotton
FR STANDARDS MET	NFPA 701, Test Method 1

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
768495	Black	100 yd.	7.5 oz.	54 in.
768498	Black	100 yd.	10 oz.	54 in.

SCENERY FABRICS – FLAMEPROOF MUSLIN

For use in theaters, schools, radio and T.V. studios, and by drama groups as curtains and backdrops. A wide range of widths and weights. Flame retardant process will be removed by washing.

FABRIC	Cotton
FR STANDARDS MET	California State Fire Marshal; NFPA 701

ITEM #	STYLE #	DESCRIPTION	PUT UP	WEIGHT	WIDTH
768511	9671	Medium Weight	65 yd.	6 oz.	126 in.

SCENERY FABRICS – NON-FLAME RESISTANT, UNBLEACHED

For use in theaters, schools, radio and film studios, and by drama groups as curtains and backdrops.

FABRIC	Cotton
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ITEM #	DESCRIPTION	PUT UP	WEIGHT	WIDTH
642116	Unbleached Sheeting (Type 128)	125 yd.	4 oz.	120 in.
642118	Unbleached Sheeting (Type 128)	600 yd.	4 oz.	108 in.

HIGH TEMPERATURE CLOTH

An exceptionally rugged Aramid base fabric that stands up to abrasive high-heat environments without sacrificing strength, thermal protection or dimensional stability. Continuous protection to 600° F.

An excellent choice for heat containment blankets and shields.

FABRIC	Aramid Base
FINISH	GEA Coating

ITEM #	STYLE #	PUT UP	WEIGHT	WIDTH
903025	FL1700	50 yd.	17 oz.	40 in.

SILICONE-COATED FIBERGLASS CLOTH

High-temperature resistance and incombustible properties make Silicone-Coated Fiberglass Cloth suitable for removable insulation, pads, drop cloths, welding curtains, welding shields, welding, blankets, hose coverings, and gasketing.

FABRIC	Fiberglass
FINISH	Silicone Coated
FR STANDARDS MET	Federal Test Method 191A/M5903.1

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
903017	SGL1700	Gray	50 yd.	17 oz.	60 in.
903018	SGL1700	Red	50 yd.	17 oz.	60 in.

POLYESTER FILTER CLOTH

FABRIC	Multifilament Polyester Twill
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ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
999406	5038-2	Natural	100 yd.	5 oz.	53 in.

POLYPROPYLENE FILTER FABRIC

Lightweight, strong polypropylene fabric with excellent resistance to most acids and alkalis. For swimming pool filters, air filters, dye production and dust collection. This cloth has a low density. Air permeability 20-30 CFM at 1/2 inch pressure drop.

FABRIC	Polypropylene
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ITEM #	STYLE #	COLOR	FABRIC COUNT	PUT UP	WEIGHT	WIDTH
999412	7001-3	Natural	76 x 60	100 yd.	4.1 oz.	54 in.

POLYPROPYLENE TRAMPOLINE FABRIC

For trampoline beds. Hot slit selvage; suggest folding under for finished hem.

FABRIC		Polypropylene				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH	
902880	2045709/24119	Black	100 yd.	7.6 oz.	74 in.	
902889	24109	Black	100 yd.	7.6 oz.	155 in.	

WINDSCREEN

A perfect backdrop and windscreen fabric made of polypropylene. Its porous construction is the ideal windbreak. Retains its size and color, and will not mildew. Has great strength and abrasion resistance. Is lightweight – just fasten to existing fences. Stays light – will not absorb water. Cuts the wind and shades the glare for a cooler court and better playing conditions.

FABRIC		Polypropylene				
ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
902870	20812	Open Mesh	Green	100 yd.	4.9 oz.	75 in.
902871	21612	Closed Mesh	Green	100 yd.	5.6 oz.	75 in.
902895	20229	Open Mesh	Black	100 yd.	4.9 oz.	75 in.
902915	21619	Closed Mesh	Black	100 yd.	5.6 oz.	75 in.

POOLTEX

A strong and durable fabric, specially designed for pool covers. Lightweight – easy to handle and fabricate. Resists alkalis, acids, sun's rays and mildew. For heavy-duty pool covers where mesh is not desired, coated vinyls or laminates are recommended.

FABRIC		Polypropylene Mesh				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH	
902874	24503	Blue/Black	150 yd.	4.2 oz.	73 in.	
902875	26502/22602	Black/Green	150 yd.	4.2 oz.	73 in.	
902917	22509	Black/Black	150 yd.	4.2 oz.	73 in.	

TEXTILENE® TRANSPORT

Designed for extreme outdoor use, this fabric is an excellent choice for the truck tarp industry. Strong, durable and breathable. It can withstand extreme weather conditions (-30°F to 110°F).

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
996315	T78D5S117	Black	100 yd.	72 in.
996320	T78D5S064	Black	100 yd.	96 in.

Textilene® is a registered trademark of Twitchell Corporation.

ARCHITENT®

A premium, vinyl laminated polyester tent fabric, formulated for superior abrasion, mildew and UV ray resistance.

FABRIC	Vinyl Laminated Polyester				
FR STANDARDS MET	California State Fire Marshal				
ITEM #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
973080	Blackout	White	75 yd.	16 oz.	61 in.

Architent® is a registered trademark of Herculite Products Inc.

ARCHITENT WIDESIDE®

A premium, vinyl laminated polyester tent fabric, formulated for superior abrasion, mildew and UV ray resistance.

FABRIC	Vinyl Laminated Polyester				
FR STANDARDS MET	California State Fire Marshal				
ITEM #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
973090	WideSide	White	50 yd.	10 oz.	90 in.
973097	WideSide	White	100 yd.	13 oz.	98 in.

Architent® and WideSide® are registered trademarks of Herculite Products Inc.

BIG TOP™ HORIZON WHITE

Big Top represents state of the art laminating technology for tent tops. With its tough vinyl formation and smooth, high-gloss surface, Big Top is easy to clean and resists mildew, stains and abrasion. Light transmitted through this tightly translucent fabric creates a beautiful glow. The market's only true-white tent fabric transmits a uniquely flattering blue light.

FABRIC	Vinyl Laminated Polyester				
FR STANDARDS MET	California State Fire Marshal; NFPA 701 Test Method 2				
WARRANTY	2-Year				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
969350	350	Horizon White	100 yd.	14 oz.	61 in.

Big Top™ is a trademark of Glen Raven, Inc.

BIG TOP™ WHITE OPAQUE

Big Top represents state of the art laminating technology for tent tops. With its tough vinyl formation and smooth, high-gloss surface, Big Top is easy to clean and resists mildew, stains and abrasion. Opaque 300 is a Blackout product.

FABRIC	Vinyl Laminated Polyester				
FR STANDARDS MET	California State Fire Marshal; NFPA 701 Test Method 2				
WARRANTY	2-Year				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
969300	300	White Opaque	100 yd.	16 oz.	61 in.

Big Top™ is a trademark of Glen Raven, Inc.

DICKSON® SUNBLOCK

Dickson Sunblock fabrics look great even after long-term use because they are protected by the Lowick System, which blocks moisture penetration and resists UV degradation, mildew, discoloration and soiling. Designed for tents, structures, and awnings. Sunblock is flame resistant and blocks a substantial amount of the sun's heat.

The fabric features the Cleangard® topcoat. This smooth lacquer topcoat offers protection against weathering and facilitates cleaning. Sunblock is easily welded.

FABRIC	Biface Vinyl Coated Polyester with Varnish Top side				
FINISH	Cleangard®				
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701, Test Method 2				
WARRANTY	5-Year				
ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
968372		White	65 yd.	25 oz.	98 in.

Dickson® and Cleangard® are registered trademarks of Glen Raven, Inc.



PRO-TEC™ 2000

Durable, and easy to keep clean, Pro-Tec 2000 laminate offers outstanding performance for a wide variety of indoor and outdoor applications, including canopies, tents, banners, tarpaulins, field covers, and more. Finished with a high gloss emboss, this versatile fabric always looks great. Pro-Tec 2000 is resistant to water, mildew, rot and ultraviolet. It's heat sealable and flame retardant.

FABRIC	Vinyl Laminated Polyester
FINISH	High Gloss Emboss
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701 Test Method 2
WARRANTY	2-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
968200	200	White	100 yd.	13 oz.	61 in.

Pro-Tec™ is a trademark of Glen Raven, Inc.

DICKSON® LAC 650 SL

Dickson LAC 650 SL fabrics look great even after long-term use because they are protected by the Lowick System, which blocks moisture penetration and resists UV degradation, mildew, discoloration and soiling. Designed for tents, awnings, and structures. LAC 650 SL is flame resistant.

The fabric also features the Cleangard® finish. This smooth lacquer topcoat offers protection against weathering and facilitates cleaning. Sunblock is easily welded.

FABRIC	Biface Vinyl Coated Polyester with Varnish Top side
FINISH	Cleangard®
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701, Test Method 2
WARRANTY	5-Year

ITEM #	COLOR	PUT UP	WEIGHT	WIDTH
968343	White	65 yd.	20 oz.	98 in.
968349	Bright White	65 yd.	20 oz.	98 in.

Dickson® and Cleangard® are registered trademarks of Glen Raven, Inc.

POLARIS™

Polaris is a mildew, water and flame-retardant fabric. Excellent crack resistance and cold temperature flexibility. For family and scout camping tents, and gym floor covers.

FABRIC	65% Polyester/35% Cotton
FINISH	Pigmented Vinyl Coated
FR STANDARDS MET	CPAI-84

ITEM #	STYLE #	COLOR	WIDTH
766670	59903	White	60 in.
766672	59934	Tan	60 in.
766673	59955	Pearl	60 in.

Polaris™ is a registered trademark of Graniteville Specialty Fabrics.

RENTER'S CHOICE

Designed for canopy, tent, and indoor and outdoor banner jobs, this fabric is durable and easy to keep clean. Finished with a high gloss emboss, the fabric always looks great. Renter's Choice is resistant to water, mildew, rot and ultraviolet rays. Plus, it's heat sealable and flame retardant. The fabric can be digitally printed with either UV curable or solvent inkjet systems.

FABRIC	Vinyl Laminated Polyester
FINISH	High Gloss Emboss
FR STANDARDS MET	California State Fire Marshal Title 19; NFPA 701 Test Method 2

ITEM #	DESCRIPTION	COLOR	PUT UP	WEIGHT	WIDTH
968300		White	50 yd.	10 oz.	61 in.
968310		White	50 yd.	10 oz.	98 in.
968320		White	100 yd.	13 oz.	61 in.
968330		White	50 yd.	13 oz.	98 in.
968340	Blackout	White	100 yd.	16 oz.	61 in.



TEX-TEX®

A lightweight, water resistant, mildew resistant and flame-retardant tenting fabric, designed for family camping.

FABRIC	Texturized Polyester
FR STANDARDS MET	CPAI-84; NFPA 701
WARRANTY	None

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
767601	58601	Off White	150 yd.	4.25 oz.	61 in.

Tex-Tex® is a trademark of Graniteville Specialty Fabrics.

SHOWTIME® II

Showtime II provides excellent performance with a high gloss, ultra smooth surface and an extensive color offering.

FABRIC	Vinyl Laminated Polyester
FINISH	High Gloss Embossing
FR STANDARDS MET	California State Fire Marshal Title 19; ASTM E-84; NFPA 701
WARRANTY	2-Year

ITEM #	STYLE #	COLOR	PUT UP	WEIGHT	WIDTH
973299		Forest Green	100 yd.	14 oz./ly.	61 in.
973300		White	100 yd.	14 oz./ly.	61 in.
973301		Magenta	100 yd.	14 oz./ly.	61 in.
973302		Purple	100 yd.	14 oz./ly.	61 in.
973303		Turquoise	100 yd.	14 oz./ly.	61 in.
973304		Lime Green	100 yd.	14 oz./ly.	61 in.
973305		Bright Red	100 yd.	14 oz./ly.	61 in.
973308		Pink	100 yd.	14 oz./ly.	61 in.
973309		Orange	100 yd.	14 oz./ly.	61 in.
973312		Blue	100 yd.	14 oz./ly.	61 in.
973334	107141	Kelly Green	100 yd.	14 oz./ly.	61 in.
973335		Gray	100 yd.	14 oz./ly.	61 in.
973337	107135	Black	100 yd.	14 oz./ly.	61 in.
973338	107134	Yellow	100 yd.	14 oz./ly.	61 in.
973339	107132	Dark Blue	100 yd.	14 oz./ly.	61 in.
973340	107131	Red	100 yd.	14 oz./ly.	61 in.
973342		Sand	100 yd.	14 oz./ly.	61 in.

Showtime® is a registered trademark of Herculite Products Inc.

GENERAL CARE AND CLEANING INSTRUCTIONS FOR SELECTED FABRICS

Trivantage™ offers the finest awning and marine fabrics in the industry, but proper maintenance is important if maximum life of the end product is desired. The following are suggestions for care and cleaning of selected fabrics, but the general guidelines – keep dirt, leaves and debris from accumulating on the surface, wash regularly with water, avoid dragging on rough surfaces, etc. – pertain to all fabrics used in outdoor applications.

Note: Trivantage offers a complete line of cleaning and protection products for industrial fabrics. See your Trivantage Distribution Center for more information.

Tips on Care of Trivantage Awning Fabrics

The life and good looks of your awnings depend a great deal on the way you use them and how you care for them. Your awnings are made from either a cotton or synthetic fabric, either of which is the finest awning fabric available. We use only the best available water repellents and mildew retardants in Trivantage awning fabrics and you can rely on our experience and quality. Even the most durable materials require a certain amount of care, and fabric awnings are no exception. With only the minimum amount of attention, your awnings will remain bright and serviceable. The following do's and don'ts are presented to help you in the proper care of your awning. The life and beauty of an awning can be preserved by following these suggestions and general tips.

Some Do's

Do keep the awnings clean. This is the best protection against mildew. Even on mildew resistant fabric, mildew can grow on accumulated dirt or foreign materials which remain on the top or bottom surface and eventually damage or stain the fabric. We cannot be responsible for such damage.

Do wash down your awnings. If they are vinyl coated, brush lightly with a cloth or soft brush. You can use a mild soap, but rinse thoroughly and immediately.

Do hose your awning with clean water occasionally, every month or so. We recommend that you do this on a hot, sunny day.

Do keep the underside of your awnings clean by simply brushing with a clean household broom.

Do keep shrubbery and vines away from the awnings, as many bushes contain an acid which can be harmful to your awnings.

Do check the condition of awning frames. Rust is not likely to form, but if it should it might cause deterioration or staining of the fabric.

Some Don'ts

Do Not fold or roll the awning in cold temperature.

Do Not drag your awning across any abrasive surfaces, such as cement, asphalt, or the awning frame.

Do Not get insect spray on the fabric, as some solutions may impair the water repellency of the fabric and cause staining.

Do Not allow water to stand on the awnings, causing pocketing and possible stretching.

Do Not overlook small rips or tears. If a sharp object punctures the fabric, it should be repaired.

Do Not wash your awnings with a harsh or strong solution, or scrub too vigorously with an abrasive cleaner.

Do Not force or yank your awnings when raising or lowering them. Do it gradually.

Do Not cook food or have fires beneath or around the awning.

Do Not store awnings when damp or wet. Mildew is a fabric's greatest foe and is caused by dampness. Mildew may grow on the surface of a damp awning and permanently stain the fabric.

Do Not permit leaves, twigs, dirt etc. to remain on your awnings as they might cause a staining of the fabric.

Trivantage™ is a trademark of Glen Raven, Inc.

AQUALON®

5-Year

Aqualon®, a registered trademark of Glen Raven, Inc, is warranted for a period of five years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics

Aqualon® is a registered trademark of Glen Raven, Inc.

AWNTEX® 70, 120 AND 160

5-Year

Extended Limited Warranty

What Is Covered? This warranty covers the fabric becoming nonfunctional because of loss of dimensional stability from exposure conditions including sunlight, mildew, rot and normal atmospheric conditions. It does not cover discoloration from atmospheric pollution or other debris.

How Long Is The Coverage Period? The warranty coverage runs for five (5) years from the date of original installation.

What Will Phifer Do? Phifer Incorporated will provide new fabric, free, to replace the non-functioning fabric. This warranty does not cover the cost of labor or other consequential or incidental expenses.

How Can You Get Service? Call the dealer from whom you purchased the product. They will contact Trivantage, LLC who will secure the new material from Phifer and ship to the dealer. This warranty is valid only if a sample of the fabric, with defects, is submitted with a photograph of the installation and an invoice showing the item and date purchased.

This is the complete and only warranty provided for AwnTex brand fabric. There are no other warranties, expressed or implied, for this product.

Phifer Inc.

AwnTex® is a registered trademark of Glen Raven, Inc.

ARCHITEC 400®

12-Year Against UV Degradation

12 YEAR ULTRA VIOLET WARRANTY

ARCHITEC 400® is a unique and innovative Extra Heavy Duty knitted shade cloth designed for architectural sails and commercial shade structures.

Warranty

Polyfab Australia Pty Ltd (Polyfab) warrants to the initial purchaser that the fabric will not suffer from abnormal deterioration (*) from ultra violet exposure for a period of 12 years from the date of installation. (* abnormal deterioration means deterioration exceeding 5% of the fabrics original strength for each year over the 12 year warranty period).

If the fabric does suffer from abnormal deterioration during the 12 year warranty period, Polyfab will, at its option either replace the fabric or supply equivalent fabric, or pay the cost of replacing the fabric or of acquiring equivalent fabric.

Exclusions

This warranty does not cover, and Polyfab is not liable for, deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper use of the fabric or use contrary to the specifications for the fabric.
- Color fading or variation due to ultraviolet exposure.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.

Statutory Implied Terms and Limitation

This warranty is in addition to any non-excludable terms, conditions or warranties implied under the Trade Practices Act 1974 (Cth) or similar Commonwealth or State legislation ('Statutory Terms').

Polyfab's liability for breach of the Statutory Terms is limited to the maximum extent permitted by the Statutory Term or otherwise by law.

Save as expressly provided in this warranty and the Statutory Terms:

- a) all implied conditions and warranties with respect to the goods and services supplied by Polyfab including without limitation warranties as to quality, fitness for purpose and sale by sample are excluded;
- b) Polyfab shall not be liable for any direct, indirect or consequential loss or damage which arises out of the negligence or carelessness of Polyfab or any of its employees, servants, contractors, suppliers or agents, or which arises directly or indirectly from the use of any information, advice or recommendation of any Polyfab employee or from any alleged breach of duty in respect of any goods or services supplied by Polyfab;
- c) Polyfab shall not be liable for any advice given by its agents or employees in relation to the suitability for the purpose of goods supplied by Polyfab.

Claims Procedure

1. All claims must be in writing addressed to Polyfab Australia Pty Ltd, 63 Frankston Gardens Drive, Carrum Downs, Victoria 3201, and must be made within 30 days from the date upon which the defect became known.
2. Claims must be supported by a sample of the defective fabric together with proof of place and date of purchase of the fabric.

POLYFAB AUSTRALIA Pty. Ltd.
 Architec 400® is a registered trademark of Polyfab USA.

BERBER STYLE MARINE CARPETING

3-Year

Syntec Industries offers a limited warranty that covers all carpets manufactured from our ultraviolet protected materials. We warrant to the purchaser of said carpet that the fabric will not fade or fail due to the effect of sunlight for a period of three years from the date of purchase. Fade is defined as a significant change from the original color. Fail is defined as a significant decrease in pile weight from the original.

Any warranty claims should be sent to the following address:

Syntec Industries, LLC
 Attn.: Technical Service
 P.O. Box 1653
 Rome, GA 30162-1653

Syntec will respond promptly to a claim. Carpet must be available for inspection by an authorized representative of Syntec Industries for analysis before any settlement.

In the event of a valid warranty claim prior to two years from the date of installation, Syntec will supply carpet of comparable value and color as a replacement for the affected area of carpet. During this time period, Syntec will pay competitive labor rates for installation of the carpet, with a limit of \$20.00 per square yard. During the third year, Syntec will supply carpet only. For carpet less than 16 ounces of face weight as specified, Syntec fully warrants the fabric against failure for the period of two years. The same remedies to failure apply during this full warranty period. After one year, but prior to two years from the date of purchase, Syntec will supply replacement carpet only. No warranty will apply on fabrics lighter than 16 ounces past two years from the date of purchase.

This warranty does not apply to any carpet installed on stairs, athletic surfaces, or other heavy traffic areas. Burns, improper exposure to chemicals, negligence, faulty maintenance or installation are strictly excluded from this warranty.

Syntec Industries, LLC

BIG TOP™

2-Year

Limited Warranty

Big Top™ is warranted for a period of two (2) years from the date of the original installation against excessive fading or loss of strength from normal exposure conditions including sunlight, rot, and normal atmospheric chemicals, which may render the fabric unserviceable. This warranty does not cover damage from acts of God, vandalism, neglect, or improper use.

In the unlikely event of fabric failure during the warranty period, Glen Raven Technical Fabrics, LLC will supply new fabric free to replace the fabric that becomes unserviceable. Labor and installation are not covered by this warranty.

No other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use, is made by the Glen Raven, Inc. companies (Trivantage, LLC and Glen Raven Technical Fabrics, LLC). In no event shall either Glen Raven, Inc. company be liable for damages to any persons or property, or any consequential or incidental damages.

To get service, please contact the fabricator and he will contact Trivantage, LLC to set the warranty process in motion. The fabricator will inspect the installation and secure replacement fabric for you if the fabric has failed.

Glen Raven Technical Fabrics, LLC
 Big Top™ is a trademark of Glen Raven, Inc.

BTF-19™

10-Year / 6-Year Tents

Naizil PVC Coated Fabrics: Warranties

Subject to the terms hereof, Naizil S.p.A. warrants its Naizil coated fabrics to be in accordance with the Naizil's published technical specifications and free from material defects in components and workmanship affecting performance and durability at the time of the delivery and for the period of time and percentages hereinafter detailed.

Full technical data sheets of all Naizil coated fabrics are issued by Naizil S.p.A. and can be requested by the client in any moment.

Naizil acknowledges that the warranty is limited to the repair or replacement of any damaged part. Such parts that might require repairing or replacement are quantified as the original cost of the coated fabric supplied, according to the percentage valid for the year in which the event occurs, plus a sum of equal value as compensation for the working and repairing of the fabric cover.

Warranty Limitations

This warranty applies if the fabric becomes unserviceable due to untimely deterioration under normal conditions of exposure and use.

This warranty is void if the fabric is subject to improper use, misuse, abuse, improper manufacturing and exposure to chemical substances that are in concentration or of nature different from those that may be found under normal weathering conditions.

The file "Maintenance, cleaning and storage of the PVC coated fabrics", here attached is an integral part of this Warranty.

This Warranty is void if the fabric is not constantly subject to an accurate cleaning as it is indicated on the file "Maintenance, cleaning and storage of the PVC coated fabrics"

This operation is necessary in order to avoid that organic or inorganic material, that normally tends to settle on the surface over the time, is absorbed by the surface, otherwise any remedy would be of no avail.

On the double membrane structures, this Warranty is valid only if the double membrane structures are solely manufactured with Naizil fabrics.

If other fabrics –not Naizil– are used together, this warranty will be void.

Claims

Claims under this warranty shall be valid only if made in writing to Naizil S.p.A.

(Campodarsego, Italia) by registered letter or by PEC, and enclosing a copy of the original purchase invoice of the fabric with any further details that might be helpful to the tracking procedure, within and not over 30 (thirty) days following the date upon which the fabric was first considered by the customer to be subject to a warranty claim.

If the notice of claim is not sent or is sent late, this shall cause the guarantee to be void and therefore devoid of legal effect with respect with the defect found. On receiving the notice, Naizil S.p.A. reserves the right to inspect the membrane structure to verify the defect and to find a solution to the problem. If the right to inspection is denied, the guarantee shall be void and devoid of legal effect.

In no event Naizil S.p.A. shall be liable for any loss of profit, of use of equipment or capital and of the direct or indirect damages consequential to the main damage of any nature resulting from or in any manner relating to the fabric.

The foregoing constitutes the sole warranty offered by Naizil S.p.A. with respect to the Naizil coated fabrics named in this warranty.

All legal disputes shall be solved by the Court of Padua (Italy), hereby recognized as the sole Court of competent jurisdiction.

Effectiveness Of Guarantee

This limited guarantee shall become effective after written communication of the following information to our address of:

- Customer
- Naizil coated fabric used and quantity
- Project location
- Project description
- Actual date of completion on site

In addition, this guarantee shall be considered effective only for the Naizil coated fabrics listed here for conversion into air-inflated, frame supported and tensioned architectural membrane structures that have been designed and certified by a chartered engineer.

Warranty Period And Percentage Of Liability

**Naizil ROTOFLOU W:
WELDABLE PVDF LACQUERING SYSTEM**

1st Year	100%	6th Year	50%
2nd Year	90%	7th Year	40%
3rd Year	80%	8th Year	30%
4th Year	70%	9th Year	20%
5th Year	60%	10th Year	10%

Naizil S.p.A.

BTF-19™ is a trademark of Naizil S.p.A

CALABAÑA®

5-Year

Limited Warranty

Calabaña, a registered trademark of Graniteville Specialty Fabrics, is warranted for a period of five years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics

Calabaña® is a registered trademark of Graniteville Specialty Fabrics.

CANOPY® FS

8-Year

Limited Warranty

Canopy® FS Awning Fabrics are guaranteed for a period of eight (8) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the eight (8) year period from date of original installation, Herculite Products Inc. will guarantee 100% replacement of the fabric to the original owner of the awning for the first three (3) years. Coverage is prorated for the remainder of the warranty with a credit of 1/96th being applied toward the purchase of replacement material for each month remaining on the warranty. Herculite's liability will be limited to the replacement of the fabric only and does not cover labor, installation or decorations.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Herculite Products Inc.

Canopy® is a registered trademark of Herculite Products Inc.

COMMERCIAL 95™ – SYNTHESIS (COOLAROO)

10-Year Against UV Degradation

Commercial 95 is a high quality knitted shade fabric designed for tension structures, awnings, and shade covers. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The product is manufactured in Australia by Gale Pacific Limited ACN 082 263 778 (“Gale Pacific”), an ISO9002 accredited company.

Warranty

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears (“defect”) within 10 years after the date on which the product is purchased from Gale Pacific or an authorized distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to Gale Pacific USA, 285 West Central Parkway, Suite 1704, Altamonte Springs, Florida 32714, or, if the product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.
2. Gale Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:
 - If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
 - If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
 - If the product has been subjected to misuse, neglect, accident or abuse.
 - If the product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.
 - If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.
3. This warranty does not cover:
 - Color fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
 - Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction.

Note: Shade sails or structures that are greater than 1.8 meters above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilizers and will negate the warranty.

4. This warranty is not transferable, and applies only to the initial purchaser of the installed product.
5. This warranty applies to the fabric only.

In addition to the above warranty, the Trade Practices Act 1974 (Cth) and other state and territory legislation may imply warranties or conditions or impose liability on Gale Pacific in relation to the product or its supply, which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied warranties or conditions and such liability, and for the warranty described above:

- All warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from the product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific’s liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific’s liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd.

Commercial 95™ is a trademark of Gale Pacific Ltd. of Australia

COMMERCIAL 95 WP™

Coated Side “Up” 5-Year UV, Non-Coated Side “Up” 10-Year UV

Pro Rata Product Warranty and Limitation of Liability

Commercial 95 Waterproof (WP) is a high quality knitted shade fabric coated with a durable polyethylene film extruded onto the base fabric, supplied in bulk rolls and is designed for waterproof awnings and shade covers specifically for commercial architectural applications. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The product is manufactured by Gale Pacific Limited ACN 082 263 778 (“Gale Pacific”), an ISO9002 accredited company.

Warranty

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears due to a product defect within 10 years from the date on which the product is purchased from Gale Pacific or an authorized distributor or agent of Gale Pacific, Gale Pacific will, at its option, provide replacement of the fabric component of the product (but not any other component) free of charge if the failure is within 1 year of purchase or refund the cost of the material only on a pro-rata basis thereafter.

Gale Pacific’s Obligations under limited WARRANTY: Gale Pacific agrees to provide, to the extent and for the time period stated in the chart below a percentage of the cost to repair or replace at Gale Pacific’s sole option, the products which may prove defective or otherwise fail to perform as stated above under normal use, maintenance and service, as determined by Gale Pacific during the warranty period (a “Defect” or “Defective Product”), not to exceed the original sales price to the original purchaser of the Product. The customer must pay the remaining portion of any such costs or repair or replacements of a Defective Product:

Percentage of Gale Pacific Liability

Failure occurs in year	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year	9th year	10th year
% of cost assumed by Gale Pacific	100%	80%	64%	51%	41%	33%	26%	20%	14%	8%

This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to Gale Pacific Inc, PO Box 162625, Altamonte Springs, Florida 32716-2625, USA or, if the product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates.

All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.

2. Gale Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
- If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
- If the product has been subjected to misuse, neglect, accident or abuse.
- If the product is altered or modified in any way contrary to advice provided in writing by Gale Pacific.
- If the product is joined in a manner which subsequently causes the fabric to tear, split, crack or separate.
- Due to wear caused by mechanical stresses.
- If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Color fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
- Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction. (refer Product Profile)

Note: Shade sails or structures that are greater than 1.8 meters above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilizers and may negate the warranty.

- 4. This warranty applies to the last owner and holder of the fabric.
- 5. This warranty applies to the fabric only.

In addition to the above warranty and other State and Territory legislation may imply warranties or conditions or impose liability on Gale Pacific in relation to the product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified.

Except for those implied warranties or conditions and such liability, and for the warranty described above, all warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and

Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from

the product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd.
Commercial 95 WP™ is a trademark of Gale Pacific Ltd. of Australia.

COMTEX®

10-Year Against UV Degradation

UV PERFORMANCE WARRANTY FOR POLYTEX® & COMTEX®

POLYTEX® and COMTEX® EXTRA HEAVY DUTY KNITTED SHADECLOTH ("fabric") are premium fabrics designed for use in shade structures and shade sails.

Warranty

Polyfab USA LLC ("Polyfab") warrants to the initial purchaser that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 10 years from the date of installation. The term abnormal deterioration means the fabric has mechanically failed during the actual application in the shading environment intended for such fabric. Such abnormal deterioration is defined by a measure of loss of tensile and tear strength (both in warp and weft direction) that is greater than 5% per annum; if such degradation of tensile strength has been caused by ultra violet radiation and the chemical processes that ultra violet radiation initiates in the plastics and the additives alone. The maximum working load of the fabric should not exceed 60% of the break strength in both warp and weft directions. This warranty does not include normal fading or wear and tear. Fading, by itself, is not an indication of loss of strength due to ultra violet radiation. If the fabric does suffer from abnormal deterioration during the 10-year warranty period, Polyfab will, at its option either replace the fabric or supply equivalent fabric, or pay the cost of replacing the fabric or of acquiring equivalent fabric.

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB'S SKILL OR JUDGMENT TO SELECT OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY, WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

Exclusions

This warranty does not cover, and Polyfab is not liable for, deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading or variation due to ultraviolet exposure.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.

Limitation of Liability

Polyfab's obligations and liabilities are expressly and exclusively limited to those set forth herein. POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS, OR OTHER COMMERCIAL LOSS, AND INCLUDING CLAIMS BASED ON NEGLIGENCE OR STRICT LIABILITY, EXCEPT AS OTHERWISE PROVIDED FOR HEREIN. NOTWITHSTANDING THE FOREGOING, ANY LIABILITY RELATED TO THE FABRIC SHALL BE LIMITED TO THE PURCHASE PRICE OF THE FABRIC.

Claims Procedure

All claims must be made in writing, within 30 days from the date upon which the defect became known, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof purchase, including the date and location of fabric purchase.

POLYFAB AUSTRALIA Pty. Ltd.

Comtex® and Polytex® are registered trademarks of Polyfab USA LLC.

COOL GLO™ / NORTHSTAR®

5-Year

5-Year Limited Warranty

Izumi America, Inc. warrants that VT-1700FM (Cool Glo™ / Northstar®) fabric when used in an awning or a back-lit awning application will be free from defects in material and workmanship to include excessive change in color, loss of strength or mildew staining for a period of five (5) years from the date of installation.

If during the first twelve (12) months from date of installation, an awning fabricated using VT-1700FM exhibits excessive change in color, loss of strength or mildew staining to the extent the awning becomes ineffective for its intended purpose as a protective cover or a display when viewed from a distance of fifty (50) feet, the fabric will be replaced without charge.

From the thirteenth (13th) month to the sixtieth (60th) month, the fabric will be replaced at the then current price. An allowance equal to 1/60th of the current price will be deducted for each month still remaining in the warranty period.

This warranty does not cover damage by water run-off, water accumulation, chemicals, airborne particulate, accumulation of dirt or bird droppings. This warranty does not cover damage resulting from mishandling, poor or improper installation, poor or improper maintenance or willful neglect.

Liability under this warranty is limited to the replacement of fabric as stated herein and no liability for any direct or consequential loss is assumed.

NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY IS EXPRESSED OR IMPLIED OTHER THAN AS SET FORTH IN THIS LIMITED WARRANTY. NO REMEDIES ARE AVAILABLE OTHER THAN THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY. THIS WARRANTY IS GIVEN IN LIEU OF ALL WARRANTIES, EXPRESSED OR IMPLIED, AND CONSTITUTES THE SOLE WARRANTY FOR VT-1700FM.

Izumi America, Inc.

Cool Glo™ is a trademark of Glen Raven, Inc.

Northstar® is a registered trademark of Glen Raven, Inc.

COOLEY-BRITE® / COOLEY-BRITE® LITE

8-Year

8-Year Limited Warranty*

Cooley Sign & Digital Products (CSDP) warrants to its customer, an electrical sign company engaged in fabricating and furnishing signs to various businesses, that standard colors of COOLEY-BRITE® and COOLEY-BRITE® LITE, when used as components for internally illuminated (90° vertical exposure application) displays will not fade excessively or undergo excessive color degradation or mildew staining to the extent that the sign becomes ineffective for its intended advertising or identification purpose when viewed at normal distance for a period of eight (8) years. If the material does not perform under the above conditions, (CSDP) will supply to the sign company sufficient materials to produce a new duplicate face at the then current price and will grant an allowance equal to 1/60th of the original purchase price for each month remaining in the initial eight-year period of use.

If the sign face is properly installed and maintained, and within the first eight (8) years from the date of purchase of materials, said face should be destroyed or severely damaged by a "blowout" (defined as a separation of a sign face from its cabinet due to wind pressure which does not affect the display cabinet or structure), and when such "blowout" is caused solely and completely by failure of CSDP sign face materials, and not in whole or part by improper workmanship, installation, materials, nor bending or twisting of the display cabinet, attachment devices, or structure, nor to the vandalism or malicious mischief, hurricanes, tornadoes, gales or other acts of God, CSDP will furnish to the sign company sufficient materials to produce a new duplicate face at then current price and will grant an allowance equal to 1/60th of the original purchase price for each month remaining in the initial eight-year period of use.

Cooley Sign & Digital Products further warrants that approved pressure sensitive vinyl* when applied to COOLEY-BRITE® and COOLEY-BRITE® LITE, will not peel off under normal weathering conditions for a period of eight years. If the pressure sensitive vinyl should peel off under the above conditions, Cooley Sign & Digital Products will supply new materials to restore the sign at then current prices and will grant an allowance 1/60th of the original purchase price for each month remaining in the initial eight year period of use.

The foregoing is not applicable to sign faces which have been damaged by chemicals, airborne particle or dirt, bird droppings, or water run-off, nor to the sign faces damaged by willful neglect or negligent mishandling, nor to sign faces which excessively fade or discolor due to use of non-recommended decorating techniques.

CSDP's liability under the warranty is limited to replacement as stated herein and CSDP will have no liability for any indirect or consequential expenses or losses. No replacement will be made for any sign face which has been in use for more than the initial eight-year period.

This warranty is given in lieu of all other warranties expressed or implied and constitutes CSDP's sole eight (8) year warranty for COOLEY- BRITE® and COOLEY-BRITE® LITE, for sign usage.

COOLEY-BRITE® AND COOLEY-BRITE® LITE FOR BACKLIT AWNINGS

Cooley Sign & Digital Products (CSDP) warrants to its customers that standard colors of COOLEY- BRITE® and COOLEY-BRITE® LITE when used in a backlit awning application, and when fabricated, installed and maintained according to instructions, will not fade excessively or undergo excessive color degradation or mildew staining to the extent that the awning becomes ineffective for its intended advertising or identification purpose when viewed at a normal distance for a period of eight (8) years. If the material does not perform under the above conditions, CSDP will supply to the awning company sufficient COOLEY- BRITE® and COOLEY-BRITE® LITE LITE material to produce a new duplicate awning at the then current price and will grant an allowance equal to 1/60th of the original purchase price for each month remaining in the initial eight year period of use.

Cooley Sign & Digital Products further warrants that approved pressure sensitive vinyl when applied to COOLEY- BRITE® and COOLEY-BRITE® LITE will not peel off under normal weathering conditions for a period of five years. If the pressure sensitive vinyl should peel off under the above conditions, Cooley Sign & Digital Products will supply new material to restore the awning at the ten current prices and will grant an allowance equal to 1/60th of the original purchase price of each month remaining in the initial five year period of use.

The foregoing is not applicable to awnings which have been damaged by chemicals, airborne particles or dirt, bird droppings, or water run-off, nor to awnings damaged by willful neglect or negligent mishandling, nor to awnings which excessively fade or discolor due to use of non-recommended decorating techniques. CSDP's, liability under the warranty is limited to replacement as stated herein and CSDP will have no liability for any indirect or consequential expenses or losses. No replacement will be made for any awning which has been in use for more than the initial five year period.

This warranty is given in lieu of all other warranties expressed or implied and constitutes CSDP's sole eight (8) year warranty for COOLEY- BRITE® and COOLEY-BRITE® LITE when used for backlit awnings.

* 8-year warranty period begins with the date of the fabrication, but it will not extend more than 8 1/2 years from the date of manufacture by CSDP. Shelf-life is 2 years from date of manufacture by CSDP

Cooley Sign & Awning Products

Cooley-Brite® is a registered trademark of Cooley, Inc.

COOLEY-BRITE® II WITH COOLTHANE® EPS

10-Year

10-Year Limited Warranty*

Cooley Sign & Digital Products (CSDP) warrants to its customer, an electrical sign company engaged in fabricating and furnishing signs and awnings to various businesses, that COOLEY BRITE® II when coated at the factory, with EPS clear protective top coating and used as components of internally illuminated displays will not fade excessively or undergo excessive color degradation to the extent that the display becomes ineffective for its intended advertising or identification purpose when viewed at a normal distance of 50 ft. for a period of 10 years.

CSDP warrants that COOLEY BRITE® II when coated at the factory with EPS clear protective top coating will remain cleanable when using CSDP's cleaning products or approved equivalents with approved cleaning techniques.

Any eradicated areas of COOLEY BRITE® II must be re- sprayed with COOLTHANE® spray or other approved decorating methods.

If the material fades or undergoes excessive color degradation as described above, CSDP will supply to the sign or awning company sufficient COOLEY BRITE® II material to produce a new duplicate sign or awning at the then current price and will grant an allowance equal to 1/96th of the original purchase price for each month remaining in the 10-year period of use.

The foregoing is not applicable to sign faces or awnings, which have been damaged by chemicals, neglect or mishandling, nor to signs or awnings which excessively fade or discolor due to use of non-recommended decorating or cleaning techniques.

CSDP's liability under warranty is limited to replacement as stated herein and CSDP will have no liability for any incidental or consequential losses or expenses. No replacement will be made for any sign or awning, which has been in use for more than the 10-year period.

CSDP will have no obligation under this warranty until all bills for material have been paid in full. During the term of this warranty, CSDP employees or agents shall have free access to the signs and awnings during regular business hours.

THIS WARRANTY IS GIVEN IN LIEU OF ALL WARRANTIES EXPRESS OR IMPLIED AND CONSTITUTES CSPD'S SOLE TEN (10) YEAR WARRANTY FOR COOLEY BRITE II WHEN USED IN BACKLIT SIGNS OR AWNINGS.

THERE IS NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OTHER WARRANTY EXPRESS OR IMPLIED OTHER THAN AS SET FORTH IN THIS WARRANTY. IN ADDITION, THERE ARE NO REMEDIES AVAILABLE OTHER THAN THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY.

* 10-year warranty period begins with the date of the fabrication, but it will not extend more than 10 1/2 years from the date of manufacture by CSDP. Shelf-life is 2 years from date of manufacture by CSDP

Cooley Sign & Awning Products

Cooley-Brite® and Coolthane® are registered trademarks of Cooley, Inc.

DICKSON® NORTH AMERICAN COLLECTION

10-Year

LIMITED WARRANTY TERMS & CONDITIONS

DICKSON NORTH AMERICAN COLLECTION 10-YEAR LIMITED WARRANTY

Dickson warrants the rot-proof properties and color fastness (7/8 minimum color fastness under exposure to ultra-violet rays and bad weather conditions, according to the NF EN ISO 105 B02 and NF EN ISO 105 B04 standards) of its DICKSON NORTH AMERICAN COLLECTION fabrics for 10 years (starting from the date on which the awning is purchased).

This warranty is valid under the following terms and conditions:

- For 8 years, Dickson shall either replace free of charge or, at its convenience, reimburse the invoice value of the section of fabric recognized as faulty, excluding any costs or any other compensation for any reason whatsoever.
- In the event of a justified complaint after the 8th year, the warranty will consist of a discount on the purchase of a new fabric: 30% during the 9th year and 15% during the 10th year, at the rate applicable on the day of the complaint.

- Any complaint must be sent within ten days of the defect being noticed, accompanied by the purchase invoice, via registered mail with confirmation of receipt to: Dickson – Customer Service – BP 109 – 59443 Wasquehal Cedex France.
- The fabric must be kept available to the experts of Dickson or its insurance company.
- Replacement or reimbursement of the defective fabric does not extend the duration of the original warranty.

This warranty does not cover:

- The benefits not performed by Dickson: sewing of the fabric, etc.
- Parts of the awning other than the fabric manufactured by Dickson: valance, frame, etc.
- Imperfections such as mottling, waffling, folds, etc. due to handling during preparation of the awning or its installation
- Defects due to the aging and normal wear of the fabric
- The consequences of the conditions of installation, the environment or the use not corresponding to the normal conditions, uses of the profession, standards prescribed by Dickson or the destined use of the fabric
- The repair of damage or defects in the fabric resulting from accidents or negligence not attributable to Dickson or resulting from force majeure.

Expressly excluded in particular is any deterioration due to:

- Faulty maintenance or the use of unsuitable products or instruments: no detergent, chemical product or solvent can be used, nor any scraper or other instrument that may damage the surface
- Lightning or other unusual weather conditions
- Atmospheric or phytosanitary pollution
- Soiling caused by animals
- Faulty assembly or handling by the user, the projection of various products, hanging objects on the fabric, falling objects, bumps, road accidents, vandalism, burns from cigarettes or other sources, fire.

This limited warranty shall under no circumstances pose an obstacle to the legal guarantees.

Dickson

Dickson® is a registered trademark of Glen Raven, Inc.

DICKSON® LAC 650 SL, SUNBLOCK

5-Year

Warranty

This warranty covers:

- Tensile strength with a maximum loss of not more than 30% according to the characteristics announced in the technical specifications.
- Permanent flame retardancy.
- Total waterproofness.
- Maintenance of the fabric’s flexibility under average climatic and atmospheric exposure (i.e. temperatures higher than –20 °C and lower than + 40°C) and normal conditions of handling, we guarantee a loss of weight through deplastification of not more than 10 %. The fabric must not be folded and stored damp.

Exclusions

- Defects due to design, the fabrication and the use and handling of fabricated covers or structures, especially accelerated weathering due to water retention in the roof cover, excessive temperature due to insulation material applied inside the fabric, flapping in the wind due to loose tensioning of the material, excessive creasing of the material.
- Accidents occurring during handling (such as wear and tear, friction, scratches and perforations, rodent damage).
- Degradation due to aggressive cleaning resulting from either the cleaning process itself or the use of detergents or any alkaline product.
- External chemical attacks: such as high atmospheric pollution, aggressive detergents or detergent migration, animal deposits.
- Formation of localized spots, which do not generate a large and uniform change of color throughout the whole panel width.
- Acts of God, willful or negligent acts.

Conditions of warranty application

- Declaration by registered letter with acknowledgement or receipt within 30 days maximum after defect appearance, addressed to DICKSON SAINT-CLAIR.
- Fabric batch numbers must be clearly identified.
- Date of the beginning of the warranty: delivery date of the fabric.
- Warranty application: According to the warranties stated in paragraph 1 and under the restriction conditions stated in paragraph 2, we only cover the replacement cost of the defective part of fabric, depreciation deducted, excluding all charges and all other compensation.

Obsolescence

- Year 1: reimbursement of 100% of fabric cost
- Year 2: reimbursement of 80% of fabric cost
- Year 3: reimbursement of 60% of fabric cost
- Year 4: reimbursement of 40% of fabric cost
- Year 5: reimbursement of 20% of fabric cost

Dickson Saint Clair

Dickson® is a registered trademark of Glen Raven, Inc.

ERADI-LITE®

8-Year (5-Year U.S. Desert Southwest1)

Eradi-Lite is warranted for eight years² against loss of color under the following conditions:

- The awning must be properly installed, utilized and maintained. The warranty does not apply against deteriorations of any kind due to abusive use, negligence, vandalism, perforations, or acts of God.
- While all color pigmentations fade eventually, Eradi-Lite color fastness is guaranteed to remain within the standards set under normal conditions of exposure and atmospheric chemical pollution for a period of eight years from the date of the original installation.
- Normal wear, weather soiling, or stains from environmental pollution or other sources are not covered.
- The warranty, if applicable, is limited to the replacement of the fabric free of charge. Frames, systems, decorations, or labor are not covered by this warranty.
- GLEN RAVEN CUSTOM FABRICS, LLC MAKES NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSES WHATSOEVER WITH RESPECT TO THE GOODS BEING SOLD.

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE OF THIS AGREEMENT.
- If within the first 60 months of the warranty period Eradi-Lite fades or undergoes excessive color degradation as described above, Glen Raven Custom Fabrics, LLC will supply to the fabricator sufficient Eradi-Lite material to produce a new duplicate awning at no charge. If during the last 36 months of the warranty period Eradi-Lite fades or undergoes excessive color degradation as described above, Glen Raven Custom Fabrics, LLC will supply to the fabricator sufficient Eradi-Lite material to produce a duplicate awning at the then current price, and will grant an allowance equal to 1/96th of the original purchase price for each month remaining in the eight year warranted period of use.
- This warranty gives you specific legal rights and you may also have other rights, which vary state to state.
- All claims shall be filed by the fabricator of the awning, through the company that sold Eradi-Lite to the fabricator.

¹- Eradi-Lite is limited to a five year warranty in the Desert Southwest as defined by the following states and counties:

Arizona: All (entire state)

California: Imperial, Inyo, Mono, Riverside, San Bernardino

Nevada: Clark (Las Vegas), Esmeralda, Lincoln, Mineral, Nye

New Mexico: All (entire state)

Texas: Brewster, Culberson, El Paso, Hudspeth, Jeff Davis, Loving, Pecos, Presidio, Reeves, Ward, Winkler

Utah: Kane, Washington

²- New eight-year warranty applies to awning projects installed after October 26, 2005.

Glen Raven Custom Fabrics, LLC

Eradi-Lite® is a registered trademark of Glen Raven, Inc.

FIRESIST®

5-Year

This limited warranty is valid only if a copy of the invoice for the item purchased is submitted showing the date of original purchase.

What is covered? This limited warranty covers the fabric becoming unserviceable because of loss of color or strength from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. Consumer is responsible for normal care and cleaning of the fabric. This warranty covers fabric only. Glen Raven's liability is expressly limited to this warranty.

How long is the coverage period? FIRESIST limited warranty coverage runs for five years (60 months) from the date of original installation.

What will Glen Raven do? Glen Raven will grant an allowance equal to 1/60th the original purchase price for each month remaining in the five year warranty period towards the purchase of all fabric required to produce a new duplicate awning.

How can you get service? Call the dealer or retailer from whom you purchased the product, to inspect the claim. They, in turn, will contact the manufacturer of the item purchased. The manufacturer will then contact Glen Raven and secure replacement fabric for you.

Glen Raven Custom Fabrics, LLC

FIRESIST® is a registered trademark of Glen Raven, Inc.

GULF STREAM®

5-Year

Limited Warranty

Gulf Stream®, a registered trademark of Glen Raven, Inc., is warranted for a period of five years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot or normal atmospheric chemicals which might render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by the warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion of limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics

Gulf Stream® is a registered trademark of Glen Raven, Inc.

HARBOR-TIME®

5-Year

Harbor-Time®, a registered trademark of Glen Raven, Inc, is warranted for a period of five years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics

Harbor-Time® is a registered trademark of Glen Raven, Inc.

HERCULITE® EXCEL M SERIES™

8-Year

8-Year Limited Warranty

Herculite® Excel M Series™ Awning Fabrics are guaranteed for a period of eight (8) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere).

In the unlikely event of failure of fabric during the eight (8) year period from date of original installation, Herculite Products Inc. will guarantee 100% replacement of the fabric to the original owner of the awning for the first five (5) years. Coverage is pro-rated for the three (3) year remainder of the warranty with a credit of 1/96th being applied toward the purchase of replacement material for each month remaining on the warranty. Herculite's liability will be limited to the replacement of the fabric only and does not cover labor, installation or graphic decorations.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use. This warranty requires that the user implement proper care and maintenance as defined within Excel M Series, Handling and Maintenance Instructions.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Herculite Products Inc.

Excel Series M™ is a trademark of Herculite Products Inc.
Herculite is registered trademark of Herculite Products Inc.

HERCULITE® NATURA™

8-Year

8-Year Limited Warranty

Herculite® Natura™ Awning Fabrics are guaranteed for a period of eight (8) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere).

In the unlikely event of failure of fabric during the eight (8) year period from date of original installation, Herculite Products Inc. will guarantee 100% replacement of the fabric to the original owner of the awning for the

first five (5) years. Coverage is prorated for the three (3) year remainder of the warranty with a credit of 1/96th being applied toward the purchase of replacement material for each month remaining on the warranty. Herculite's liability will be limited to the replacement of the fabric only and does not cover labor, installation or decorations.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use. This warranty requires that the user implement proper care and maintenance as defined within Natura, Handling and Maintenance Instructions.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Herculite Products Inc.

Natura™ is a trademark of Herculite Products Inc.
Herculite® is a registered trademark of Herculite Products Inc.

HERCULITE® RIVIERA MARINE FABRIC™

5-Year

Limited Warranty

Herculite Riviera Marine Fabrics are guaranteed for a period of five (5) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Herculite Products Inc.

Riviera Marine Fabric™ is a trademark of Herculite Products Inc.
Herculite® is a registered trademark of Herculite Products Inc.

MAIN STREET® +

5-Year

Limited Warranty

Main Street®+, a registered trademark of Glen Raven, Inc, is warranted for a period of five years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics
Main Street®+ is a registered trademark of Glen Raven, Inc.

NASSIMI BREEZE VINYL UPHOLSTERY

3-Year

Nassimi LLC warrants our upholstery material products will be free from defects in material and workmanship under normal use for a period of 3 years from date of original purchase, as set forth herein.

In the event that our upholstery product does not perform to the specified performance standards when used for an intended application of the material, Nassimi LLC will offer replacement material free of charge.

For the warranty to go into effect Nassimi LLC requires that a sample of the material in question be returned to Nassimi LLC for inspection to determine that the product has:

- Been properly installed and not in a manner that puts excessive stress on any part of the material.
- Been properly maintained and has been cleaned using appropriate cleaning agents and methods as outlined on the back of the product card.
- Not been intentionally damaged, such as (but no limited to) tearing or puncturing.
- Not been post treated by the customer (such as but not limited to flame or adhesive lamination or chemical treatment after shipment by Nassimi LLC).
- Been upholstered in conjunction with proper foam cushioning under the material.

- Not been exposed to external contaminants or dyes that may have transferred to material.

If the product failure is determined to be from one of the aforementioned reasons the warranty is null and void. In the event that the product is determined by Nassimi to be defective during year one or two of this warranty Nassimi LLC will offer replacement product and additional support for labor not to exceed \$20/yd. for the amount of yardage used on the project offered in the form of a credit memo. During year three of this warranty Nassimi LLC will supply replacement product but will not be responsible for labor or other costs.

Nassimi LLC

NAUTOLEX® CAPITANO MARINE VINYL UPHOLSTERY, SOFDURA AND VOYAGER®

5-Year

Marine Upholstery Products for OEM

Limited Five Year Warranty

Subject to the limitations and conditions described below, OMNOVA Solutions Inc. warrants to its customers who are manufacturers of boats, seats or trim component parts ("Customers") that OMNOVA will replace Nautolex® marine upholstery products, topping and trim ("Product") if they fail during normal use due to defects in materials or workmanship during the period of five years from a Customer's retail sale of a boat, seat or completed trim component part containing product.

During the first three (3) years of this warranty, OMNOVA will replace defective Product and pay competitive labor rates for reupholstery of the seat and/or trim, with a limit of twenty dollars per linear yard of Product. During the fourth and fifth years, OMNOVA will supply replacement product, but will not pay for labor or other costs. THE REMEDY DESCRIBED IN THIS PARAGRAPH IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN NAUTOLEX PRODUCTS. IN NO EVENT SHALL OMNOVA HAVE ANY LIABILITY FOR ANY LOST PROFITS OR INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES, EVEN IF OMNOVA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, INCLUDING BUT NOT LIMITED TO ANY DAMAGES ARISING FROM OR RELATING TO ANY INJURY TO PERSONS; LOSS OF VALUE OR USE (INCLUDING WITHOUT LIMITATION, DIMINUTION IN VALUE); DAMAGE TO OR LOSS OF OTHER PROPERTY; CLAIMS MADE BY END-USERS; OR COST OF SUBSTITUTE MATERIALS.

This warranty specifically excludes (a) staining resulting from mildew growth on adjacent boat components, bleeding from adjacent boat components or contact with suntan lotion; (b) degradation due to the presence of amines in adjacent urethane foam cushioning; (c) damage caused by improper installation or failure of the seat and/or trim parts; and (d) deterioration due to the use of improper cleaning materials or procedures.

OMNOVA MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

OMNOVA Solutions, Inc.
Nautolex® and Voyager® are registered trademarks of OMNOVA Solutions, Inc.

NAUTOLEX® MARINE FLOORING

3-Year

3-Year Limited Warranty

Subject to the limitations and conditions described below, OMNOVA

Solutions Inc. warrants to its customers who are manufacturers of boats ("Customers") that OMNOVA will replace Nautolex® marine flooring products ("Product") if such products fail during normal use due to defects in materials or workmanship during the period of thirty six (36) months from the first retail sale of a boat containing such flooring as original equipment. This warranty extends only to customers who are manufacturers of boats.

If Product fails to meet this warranty, OMNOVA will replace defective

Product and pay competitive labor rates for re-installation of the Product, with a limit of twenty dollars per linear yard of Product. THE REMEDY DESCRIBED IN THIS PARAGRAPH IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN NAUTOLEX PRODUCTS. Under no circumstances shall OMNOVA be liable for incidental or consequential damages.

This warranty specifically excludes (a) damage caused by abrasive elements; (b) damage caused by improper installation; (c) damage or deterioration due to the use of improper cleaning materials or procedures; and (d) damage caused by adhesives.

OMNOVA MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE.

OMNOVA Solutions, Inc.

Nautolex® is a registered trademark of OMNOVA Solutions Inc.

NITE-LITE®

8-Year

Nite-Lite is warranted against rot, mildew, and loss of color or strength under the following conditions:

- The fabric must be properly installed, utilized and maintained. The warranty does not apply against deteriorations of any kind due to abusive use, malfunction, negligence, vandalism, accidental burns, perforations, or acts of God.
- While all color pigmentations fade eventually, Nite-Lite color fastness is guaranteed to remain within the standards set under normal conditions of exposure and atmospheric chemical pollution for the specified warranty period from the date of the original installation.
- Normal wear, weather soiling, or stains from environmental pollution or other sources are not covered.
- The warranty, if applicable, is limited to the replacement of the fabric free of charge for eight years from the date of the original installation. Years six through eight are covered on a pro-rated basis. Fabricator will be credited a percentage of the purchase price of the fabric equal to the number of months left in the warranty divided by 36 (example: 18 months left divided by 36 equals 50%, therefore, 50% credit). Frames, systems, graphic applications, or labor are not covered by this warranty.
- GLEN RAVEN CUSTOM FABRICS, LLC MAKES NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSES WHATSOEVER WITH RESPECT TO THE GOODS BEING SOLD.

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE OF THIS AGREEMENT.
- The warranty is valid from the original installation date providing the warranty card is filled out and returned within 30 days of installation to Glen Raven Custom Fabrics, LLC.
- This warranty gives you specific legal rights and you may also have other rights which vary state to state.

Glen Raven Custom Fabrics, LLC

Nite-Lite® is a registered trademark of Glen Raven, Inc.

O'SEA™ CLEAR VINYL

18-Month

O'Sullivan Films provides a limited warranty on its press polished products as follows:

1. O'Sullivan Films will replace, at no charge, any sheet found to be defective upon inspection or during fabrication, provided that any sheet requested to be replaced is returned, whether cut or not. Defective sheets are those that do not meet the quality criteria defined on the O'Sullivan Films web site.
2. Products found to be out of compliance according to the criteria established by O'Sullivan will be replaced, upon inspection and agreement that performance and/or appearance of the sheets is not consistent with the quality specification established by O'Sullivan and accepted by the user. Cases will be considered on an individual basis. It will be at the discretion of O'Sullivan Films as to whether the sheet in question is warrantable.
3. The Warranty period is eighteen months from the date of manufacture. To make a warranty claim the user of the press polished sheet must provide substantiation in the form of skid and drum number of the sheet submitted for a warranty claim.
4. This limited warranty does not apply to any press polished sheet products from which:
 - Adequate identification, proof of purchase of date of manufacture is not available
 - Is defective as a result of accident, misuse or abuse;
 - Conforms to O'Sullivan Films specifications
 - Is used or fabricated in a way inconsistent with the intended use of press polished sheets
 - Is used or fabricated in a way inconsistent with the Care and Handling provided by O'Sullivan and maintained on the O'Sullivan website. This includes but is not limited to handling and stacking of sheets, exposure to certain liquids and chemicals, and use of cleansers not approved by O'Sullivan Films.
 - Becomes defective as a result of failure(s) of related equipment, parts or products for which O'Sullivan Films is not responsible
 - As a result of use in an environment for which the product was not designed.
5. Under no circumstances, at any time, will O'Sullivan Films be held liable for labor or additional costs other than the vinyl itself.

O'Sullivan Films

O'Sea™ is a trademark of O'Sullivan Films

PATIO 500®**5-Year (excluding pattern 513 Clear)****Limited Warranty**

Patio 500™ Awning Fabrics are warranted for a period of five (5) years from date of original installation against rot or excessive deterioration, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Herculite Products Inc.

Patio 500® is a registered trademark of Herculite Products Inc.

PHIFERTEX®**3-Year****Limited Warranty****What Is Covered?**

This warranty covers the fabric becoming non-functional because of loss of dimensional stability from exposure conditions including sunlight, mildew, rot and normal atmospheric conditions. Abnormal or excessive discoloration and fading is covered. It does not cover discoloration from atmospheric pollution or other debris.

How Long Is The Coverage Period?

The warranty coverage runs for 3 years from the date of purchase.

What Will Phifer Do?

Phifer Incorporated will provide new fabric, free, to replace the non-functioning fabric. This warranty does not cover the cost of labor or other consequential or incidental expenses.

How Can You Get Service?

Contact the merchant from whom you purchased the product. The merchant will contact Phifer.

Phifer Inc.

Phifertex® is a registered trademark of Phifer Inc.

POLYTEX®**10-Year Against UV Degradation****UV PERFORMANCE WARRANTY FOR POLYTEX®**

POLYTEX® and COMTEX® EXTRA HEAVY DUTY KNITTED SHADECLOTH ("fabric") are premium fabrics designed for use in shade structures and shade sails.

Warranty

Polyfab USA LLC ("Polyfab") warrants to the initial purchaser that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 10 years from the date of installation. The term abnormal deterioration means the fabric has mechanically failed during the actual application in the shading environment intended for such fabric. Such abnormal deterioration is defined by a measure of loss of tensile and tear strength (both in warp and weft direction) that is greater than 5% per annum; if such degradation of tensile strength has been caused by ultra violet radiation and the chemical processes that ultra violet radiation initiates in the plastics and the additives alone. The maximum working load of the fabric should not exceed 60% of the break strength in both warp and weft directions. This warranty does not include normal fading or wear and tear. Fading, by itself, is not an indication of loss of strength due to ultra violet radiation. If the fabric does suffer from abnormal deterioration during the 10-year warranty period, Polyfab will, at its option either replace the fabric or supply equivalent fabric, or pay the cost of replacing the fabric or of acquiring equivalent fabric.

POLYFAB UNDERTAKES NO RESPONSIBILITY FOR THE QUALITY OF THE FABRIC EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE MERCHANTABLE. POLYFAB ASSUMES NO RESPONSIBILITY THAT THE FABRIC WILL BE FIT FOR ANY PARTICULAR PURPOSE FOR WHICH YOU MAY BE BUYING THE FABRIC, EXCEPT AS OTHERWISE PROVIDED HEREIN. THERE IS NO IMPLIED WARRANTY THAT THE FABRIC SHALL BE FIT FOR ANY PARTICULAR PURPOSE. YOU ACKNOWLEDGE THAT YOU ARE NOT RELYING ON POLYFAB'S SKILL OR JUDGMENT TO SELECT OR FURNISH THE FABRIC SUITABLE FOR ANY PARTICULAR PURPOSE AND THAT THERE IS NO WARRANTY, WHICH EXTENDS BEYOND THAT PROVIDED HEREIN.

Exclusions

This warranty does not cover, and Polyfab is not liable for, deterioration of fabric occurring due to any of the following circumstances:

- Exposure to pollution, chemicals, solvents, cleaning agents or other substances that are harmful to the performance of the fabric.
- Faulty installation of the fabric or faulty design or manufacture of any structure to which the fabric is attached.
- Improper storing, handling, bracing, use of the fabric or use contrary to the specifications for the fabric.
- Color fading or variation due to ultraviolet exposure.
- Minor color variation from fabric samples.
- Minor visual imperfection due to the manufacturing processes.
- The negligent act or omission of any person.
- Misuse, neglect or abuse of the fabric.

Limitation of Liability

Polyfab's obligations and liabilities are expressly and exclusively limited to those set forth herein. POLYFAB SHALL NOT BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING LOSS OF PROFITS, OR OTHER COMMERCIAL LOSS, AND INCLUDING CLAIMS BASED ON

NEGLIGENCE OR STRICT LIABILITY, EXCEPT AS OTHERWISE PROVIDED FOR HEREIN. NOTWITHSTANDING THE FOREGOING, ANY LIABILITY RELATED TO THE FABRIC SHALL BE LIMITED TO THE PURCHASE PRICE OF THE FABRIC.

Claims Procedure

All claims must be made in writing, within 30 days from the date upon which the defect became known, to Polyfab USA LLC, 1601 N. Sepulveda Blvd. #392, Manhattan Beach, CA 90266. Claims must be supported by a sample of the defective fabric together with proof purchase, including the date and location of fabric purchase.

POLYFAB AUSTRALIA Pty. Ltd.
Comtex® and Polytex® are registered trademarks of Polyfab USA LLC.

PRO-TEC™ 2000

2-Year

Limited Warranty

Pro-Tec 2000 is warranted for a period of two (2) years from the date of the original installation against excessive fading or loss of strength from normal exposure conditions including sunlight, rot, and normal atmospheric chemicals, which may render the fabric unserviceable. This warranty does not cover damage from acts of God, vandalism, neglect, or improper use.

In the unlikely event of fabric failure during the warranty period, Glen Raven Technical Fabrics, LLC will supply new fabric free to replace the fabric that becomes unserviceable. Labor and installation are not covered by this warranty.

No other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use, is made by the Glen Raven, Inc. companies (Trivantage, LLC and Glen Raven Technical Fabrics, LLC). In no event shall either Glen Raven, Inc. company be liable for damages to any persons or property, or any consequential or incidental damages.

To get service, please contact the fabricator and he will contact Trivantage, LLC to set the warranty process in motion. The fabricator will inspect the installation and secure replacement fabric for you if the fabric has failed.

Glen Raven Technical Fabrics, LLC
Pro-Tech™ is a trademark of Glen Raven, Inc.

SAFRSHADE™

10-Year Against UV Degradation

Pro Rata Product Warranty and Limitation of Liability

SaFRShade is a high quality knitted shade fabric designed for tension structures, awnings and shade covers, where a level flame retardancy is required. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation with the addition of proprietary flame retardant additives. The product is manufactured by Gale Pacific Limited ACN 082 263 778 ("Gale Pacific"), an ISO9002 accredited company.

Warranty

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears due to a product defect within 8 years from the date on which the product is purchased from Gale Pacific or an authorized distributor or agent of Gale Pacific, Gale Pacific will, at its option, provide replacement of the fabric component of the product (but not any other component) free of charge if the

failure is within 1 year of purchase or refund the cost of the material only on a pro-rata basis thereafter.

Gale Pacific's Obligations under limited WARRANTY: Gale Pacific agrees to provide, to the extent and for the time period stated in the chart below a percentage of the cost to repair or replace at Gale Pacific's sole option, the products which may prove defective or otherwise fail to perform as stated above under normal use, maintenance and service, as determined by Gale Pacific during the warranty period (a "Defect" or "Defective Product"), not to exceed the original sales price to the original purchaser of the Product. The customer must pay the remaining portion of any such costs or repair or replacements of a Defective Product:

PERCENTAGE OF GALE PACIFIC LIABILITY

Failure occurs in year	1st year	2nd year	3rd year	4th year	5th year	6th year	7th year	8th year
% of cost assumed by Gale Pacific	100%	80%	64%	50%	40%	30%	20%	10%

This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to Gale Pacific Inc, PO Box 162625, Altamonte Springs, Florida 32716-2625, USA or, if the product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates.

All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.

2. Gale Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
- If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
- If the product has been subjected to misuse, neglect, accident or abuse.
- If the product is altered or modified in any way contrary to advice provided in writing by Gale Pacific.
- If the product is joined in a manner which subsequently causes the fabric to tear, split, crack or separate.
- If the product is subject to excessive abrasion against solid or permanent surfaces while under tension.
- If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Color fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
- Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction.

Note: Shade sails or structures that are greater than 1.8 meters above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilizers and may negate the warranty.

- This warranty is not transferable, and applies only to the initial purchaser of the installed product.
- This warranty applies to the fabric only.

In addition to the above warranty and other State and Territory legislation may imply warranties or conditions or impose liability on Gale Pacific in relation to the product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified.

Except for those implied warranties or conditions and such liability, and for the warranty described above, all warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and

Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from the product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd.

SaFRshade™ is a registered trademark of Gale Pacific.

SEA SPRAÉ®

3-Year

Sea Sprae, a registered trademark of Glen Raven, Inc, is warranted for a period of three years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics

Sea-Sprae® is a registered trademark of Glen Raven, Inc.

SEAMARK™

5-Year

Limited Warranty

SeaMark™ carries the Sunbrella® fabric limited five-year warranty. This warranty covers the face fabric becoming unserviceable because of loss of color or strength from normal exposure to conditions including sunlight, mildew, rot and atmospheric chemicals. It does not cover labor and installation supplied by the dealer.

Care and Cleaning

Although the fabric does not promote mildew growth by itself, mildew may develop on dirt and other foreign substances that are not removed. This is especially true in warm, humid, dark environments. A program of keeping the fabric clean through regular washings, BEFORE it gets dirty, will enhance the life and beauty of the acrylic and make successive cleaning easier.

Haartz Corporation recommends using Bimini Topp™ Marine Cleaner and Bimini Topp™ Marine Protectant. (Available from Wolfsteins Pro-Series at www.wolfsteins.com.)

Hand washing in shade or partial shade, not direct sunlight, is best. DO NOT USE DETERGENT. Bird and tree droppings, as well as other loose particle soilage, should be removed immediately. Vacuum with a brush attachment and rinse thoroughly with water to remove loose particle soils. This will also prevent the soils from being redeposited during the cleaning process. Once the fabric has been rinsed thoroughly, spray Bimini Topp™ Marine Cleaner evenly over the entire surface while still wet. Allow the cleaner to soak for 10 to 20 minutes and then scrub lightly with a soft nylon brush or terry cloth rag. Rinse thoroughly, preferably until no remaining soap foam is observed. Additional cleanings may be required. It is best to determine the need for additional cleanings after the fabric has dried completely.

Once dry, cleaning must be followed by re-water repelling with Bimini

Topp™ Marine Protectant. (This product does not contain CFCs and therefore, is not harmful to the environment.) Failure to apply will result in rapid resoiling of the unprotected fabric. Washing with soap (i.e. Ivory or Lux) and warm water is a safe alternative to Bimini Topp™ Marine Cleaner, but not as effective.

For more stubborn cases, mix a solution of no more than 1/2 cup (4 oz.) bleach and 1/4 cup (2 oz.) Bimini Topp™ Marine Cleaner per gallon of water, soak for approximately 20 minutes and scrub lightly as indicated above. (Excessive soaking with the bleach solution can deteriorate seam threads.) Rinse thoroughly to prevent streaking on painted and chrome surfaces. Several cleanings may be necessary. Once again, Bimini Topp™ Marine Protectant water repellent must be applied to the fully dried fabric.

The Haartz Corporation

SeaMark™ is a trademark of the Haartz Corporation
Sunbrella® is a registered trademark of Glen Raven, Inc.

SERGE FERRARI PRÉCONTRAIT®

5/8-Year

8 YEAR GUARANTEE

Précontraint 502, Précontraint 502 Stripes 2 Color, Précontraint 502 Stripes 3 Color and Précontraint 542

FOR USES EXCLUSIVELY TO THE AWNING MARKET FOR PRECONTRAIT COLOR DESIGN TEXTILES

FOR STATIC AND PERMANENT FIXED FRAME AWNING and CANOPY ONLY

- Applications in normal usage conditions

I.) Guarantees:

This guarantee includes:

- Tensile strength with a maximum loss of not more than 30% according to the characteristics announced on the technical note.
- Permanent flame retardancy
- Total waterproofness
- Maintenance of the flexibility: under normal conditions of exposure to bad weather and normal conditions of handling, we guarantee against the loss of weight by deplastification of not more than 10%.
- Any important change of color in the mass, within a made-up surface. This change must be uniform through the whole fabric width as a component of a made-up panel.

II.) Exclusion

- Defects due to the design, the making-up and the use and handling of made-up covers or structures, especially accelerated weathering due to water retention in the roof cover.
- Accidents occurring during the handling (wear and tear, friction, scratches, perforations).
- Degradation due to aggressive cleaning resulting from either the cleaning process itself or the use of aggressive detergents, abrasives or solvents.
- External chemical attacks: high atmospheric pollution, aggressive detergents or detergent migration.
- Formation of localized spots which do not generate a large and uniform change of color through the whole panel width. Abnormal or excessive discoloration from atmospheric pollution or other debris.

III.) Conditions of Guarantee Application

- Declaration by registered letter with acknowledgement of receipt within 30 days maximum after defect appearance.
- Date of beginning of the guarantee: delivery date of the fabric to the fabricator
- Guarantee application:
 - + According to the guarantees stated in paragraph I and under the restriction conditions stated in paragraph II, we only cover: the replacement cost of the fabric.

• Graduation:

- 1st year: reimbursement of 100% of the above mentioned charges
- 2nd year: reimbursement of 80% of the above mentioned charges
- 3rd year: reimbursement of 64% of the above mentioned charges
- 4th year: reimbursement of 51% of the above mentioned charges
- 5th year: reimbursement of 41% of the above mentioned charges
- 6th year: reimbursement of 33% of the above mentioned charges
- 7th year: reimbursement of 26% of the above mentioned charges
- 8th year: reimbursement of 20% of the above mentioned charges

SERGE FERRARI NORTH AMERICA INC

EIGHT YEAR LIMITED WARRANTY

STATIC and FIXED FRAME PERMANENT AWNING and CANOPY ONLY

Subject to all the terms and conditions contained herein and with specific reference to the percentage of Serge Ferrari Liability chart contained herein, SERGE FERRARI NORTH AMERICA INC, through Tissage et Enduction Serge FERRARI S.A. ("Ferrari") hereby provides a eight (8) year limited warranty for the Ferrari architectural fabrics in Static and Fixed Frame Permanent Awnings and Canopy only: PRECONTRAIT 502, PRECONTRAIT 502 STRIPES 2 COLOR, PRECONTRAIT 502 STRIPES 3 COLOR AND PRECONTRAIT 542 (specification sheets here enclosed).

A) COMPLIANCE WITH SPECIFICATIONS

Ferrari warrants that the products shall at the time of delivery at Ferrari's plant of manufacture, meet all technical specifications stated in the published Ferrari data sheet.

B) TENSILE STRENGTH

Ferrari warrants that the products shall retain at least 70% of their tensile strength for a period of eight (8) years following delivery of the Products from SERGE FERRARI NORTH AMERICA INC or their authorized distributor and providing that the membrane has been designed and installed with an initial safety coefficient of minimum five (5). The proof of maintenance will need to be recorded and made available upon request at any time.

Tensile strength measurements will be performed in plain fabric panels, which exclude areas where the membranes could have been cut or damaged during installation phases or areas where the fabric has not been under permanent tension (wind flapping...).

C) FLAME RETARDENCY AND WATERPROOFING

Ferrari warrants that the products shall remain flame retardant and waterproof for a period of eight (8) years following the delivery of the Products from SERGE FERRARI NORTH AMERICA INC and/or authorized North American distributors.

D) COLOR LIGHT FASTNESS

While all color pigments do fade eventually, Ferrari warrants that when fabricated, installed and maintained according to instructions and when placed in normal atmospheric conditions, it will not fade excessively or undergo excessive color degradation to the extent that the awning becomes ineffective for its intended purpose when viewed at a normal distance.

Each of the above described warranties are herein described collectively as the "Limited Warranty".

FERRARI'S OBLIGATIONS UNDER LIMITED WARRANTY: Ferrari agrees to provide, to the extent and for the time period stated in the chart below a percentage of the cost to repair or replace at Ferrari's sole option, the products which may prove defective or otherwise fail to perform as stated above under normal use, maintenance and service, as determined by Ferrari during the warranty period (a "Defect" or "Defective Product"), not to exceed the original sales price to the original purchaser of the Product. The customer must pay the remaining portion of any such costs of repair or replacements of a Defective Products:

PERCENTAGE OF FERRARI LIABILITY

Defect Occurring In	Percentage of Cost Assumed by Ferrari	Defect Occurring In	Percentage of Cost Assumed by Ferrari
1st Year	100%	5th Year	41%
2nd Year	80%	6th Year	33%
3rd Year	64%	7th Year	26%
4th Year	51%	8th Year	20%

WARRANTY EXCLUSIONS:

This limited Warranty does not apply to any product or any part thereof that, in the sole judgment of Ferrari, (i) has been subject to misuse, neglect, alteration or accident, such as accidental damage to the exterior finish, or which has been subject to excess wear and tear, friction, scratches or perforations which exceed normal use; (ii) has been exposed to harmful chemicals, abused by machinery, equipment or any person, exposed to excessive pressures or sources, exposed to abnormal weather conditions, falling objects, explosions, fire, floods, riots, civil commotion, exterior forces, faulty or inadequate installation, act of war, radiation, harmful fumes or foreign substances in the atmosphere; (iii) has been damaged during handling by the customer or other user or consumer of the Products, or which has been subjected to high atmosphere pollution, aggressive detergents, and aggressive cleaning; or (iv) has been used in architectural structures not in accordance with accepted engineering standards or repaired or altered by anyone other than Ferrari in any way so as, in Ferrari’s sole judgment, to affect the quality, efficiency or effectiveness of the Products.

Any claim made by a user of the Products under this Limited Warranty shall be made in writing by registered mail with acknowledgement of receipt to Ferrari at the address listed below no later than (30) days following the discovery of the alleged Defect. Failure to notify Ferrari within thirty (30) days following the discovery of any Defect shall render this Limited Warranty null, void and of no legal effect with respect to that particular Defect. After notification of an alleged Defect, Ferrari shall be entitled to inspect the Product in order to take appropriate steps for timely corrective measures. In the event Ferrari representatives are denied the right to inspect the alleged Defect, this Limited Warranty shall be null, void and of no legal effect with respect to such Defect.

LIMITATION OF WARRANTY: THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCTS AND IS IN LIEU OF AND SUPERSEDES ALL OTHER REPRESENTATIONS OR WARRANTIES, WHETHER WRITTEN OR ORAL, EXPRESS OR IMPLIED. FERRARI EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE SOLE AND EXCLUSIVE REMEDIES OF ANY PERSON RELATING TO THE PRODUCTS, AND THE FULL LIABILITY OF FERRARI FOR ANY BREACH OF THIS WARRANTY, ARE THOSE PROVIDED IN THIS LIMITED WARRANTY. OTHER THAN AS PROVIDED IN THIS LIMITED WARRANTY, ANY USER OF THE PRODUCTS HEREBY AGREES AND ACKNOWLEDGES THAT NO OTHER WARRANTIES ARE OFFERED OR PROVIDED IN CONNECTION WITH OR FOR THE PRODUCTS OR ANY PART THEREOF.

EFFECTIVENESS OF WARRANTY

This limited Warranty shall become effective upon the customer purchasing, receiving and paying for a warranted product. Should a warranty issue or claim be filed, the customer is under the obligation to provide the actual production batch number of the product appearing on the rolls and on the packing list to enable tracking of the material.

LIMITATION OF LIABILITY: Ferrari shall not be liable for any loss of profits or revenue, loss of use of equipment or facility, cost of capital or for any other special, indirect, incidental or consequential damages of any nature resulting from or in any manner relating to the Products covered hereby, their design, use, any inability to use the same or any delay in the delivery of the same. THE SOLE AND EXCLUSIVE REMEDY WITH RESPECT TO ANY DEFECTIVE PRODUCTS SHALL BE THE REPAIR, CORRECTION OR REPLACEMENT THEREOF, PURSUANT TO THE FOREGOING PROVISIONS.

Should the Products prove so defective, however as to preclude the remedying of warranted defects by repair or replacement, the customer’s sole and exclusive remedy shall be the refund of the purchase price of the fabric, or part thereof which is defective, upon its return to Ferrari.

The terms and provisions of this Limited Warranty shall be governed by, construed under and enforced in accordance with, the laws of France, without regard to Uniform United Nations Conventions.

Any questions, inquiries or claims under this Limited Warranty shall be directed to:

Serge Ferrari North America Inc
1460 SW 6th Court
Pompano Beach, FL 33069
(954) 942-3600

or

Tissage et Enduction Serge FERRARI S.A.
B.P. 54
38352 La Tour du Pin Cedex
France

The Serge Ferrari Group

Précontraint © is a registered trademark of The Serge Ferrari Group.

SERGE FERRARI SOLTIS® 86, 92 AND 93

5-Year

5-Year Limited Warranty

Subject to all the terms and conditions contained herein and with specific reference to the percentage of Serge Ferrari Liability Chart contained herein, Tissage et Enduction Serge Ferrari S.A. (“Serge Ferrari”) hereby provides a five (5) year limited warranty for the Ferrari architectural fabrics Précontraint® 502 and 702 (specification sheets here enclosed).

A) COMPLIANCE WITH SPECIFICATIONS – Serge Ferrari warrants that the products shall, at the time of delivery at Ferrari’s plant of manufacture, meet all technical specifications stated in the published Serge Ferrari data sheet.

B) TENSILE STRENGTH – Serge Ferrari warrants that the products shall retain at least 70% of their tensile strength for a period of five (5) years following delivery of the products by our authorized distributors.

C) FLAME RETARDANCY AND WATERPROOFING – Ferrari warrants that the products shall remain flame retardant and waterproof for a period of five (5) years following the delivery of the products by our authorized distributors.

Each of the above-described warranties is herein described collectively as the “LIMITED WARRANTY.”

SERGE FERRARI’S OBLIGATIONS UNDER LIMITED WARRANTY: Serge Ferrari agrees to provide, to the extent and for the time period stated in the chart below, a percentage of the cost to repair or replace at Serge Ferrari’s sole option, the products which may provide defective or otherwise fail to perform as stated above under normal use, maintenance and service, as determined by Serge Ferrari during the warranty period (a “Defect” or “Defective Product”), not to exceed the original sales price to the original purchaser of the Product. The customer must pay the remaining portion of any such costs of repair or replacement of a Defective Product.

PERCENTAGE OF SERGE FERRARI LIABILITY

Defect Occurring In	Percentage of Cost Assumed by Serge Ferrari	Defect Occurring In	Percentage of Cost Assumed by Serge Ferrari
1st Year	100%	4th Year	51%
2nd Year	80%	5th Year	41%
3rd Year	64%	6th Year	0%

WARRANTY EXCLUSIONS: This Limited Warranty does not apply to any product or any part thereof that, in the sole judgment of Serge Ferrari, (1) has been subject to misuse, neglect, alteration or accident, such as accidental damage to the exterior finish, or which has been subject to excess wear and tear, friction, scratches or perforations which exceed normal use; (2) has been exposed to harmful chemicals, abused by machinery, equipment or any person, exposed to excessive pressures or sources, exposed to abnormal weather conditions, falling objects, explosions, fire, floods, riots, civil commotion, exterior forces, faulty or inadequate installation, acts of war, radiation, harmful fumes or foreign substances in the atmosphere; (3) has been damaged during handling by the customer or other user or consumer of the Products, or which has been subjected to high atmosphere pollution, aggressive detergents, and aggressive cleaning; or (4) has been used in architectural structures not in accordance with accepted engineering standards or repaired or altered by anyone other than Serge Ferrari in any way so as, in Serge Ferrari's sole judgment, to affect the quality, efficiency or effectiveness of the Products. Serge Ferrari does not warrant any applied graphics.

Any claim made by a user of the Products under this Limited Warranty shall be made in writing by registered mail with acknowledgment of receipt to Serge Ferrari at the address listed below no later than thirty (30) days following the discovery of the alleged Defect. Failure to notify Serge Ferrari within thirty (30) days following the discovery of any Defect shall render this Limited Warranty null, void and of no legal effect with respect to that particular Defect. After notification of an alleged Defect, Serge Ferrari shall be entitled to inspect the Product in order to take appropriate steps for timely corrective measures. In the event Serge Ferrari representatives are denied the right to inspect the alleged Defect, this Limited Warranty shall be null, void and of no legal effect with respect to such Defect.

LIMITATION OF WARRANTY: THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY WITH RESPECT TO THE PRODUCTS AND IS IN LIEU OF AND SUPERSEDES ALL OTHER REPRESENTATIONS OR WARRANTIES WHETHER WRITTEN OR ORAL, EXPRESSED OR IMPLIED. FERRARI EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE SOLE AND EXCLUSIVE REMEDIES OF ANY PERSON RELATING TO THE PRODUCTS, AND THE FULL LIABILITY OF FERRARI FOR ANY BREACH OF THIS WARRANTY, ARE THOSE PROVIDED IN THIS LIMITED WARRANTY. ANY USER OF THE PRODUCTS HEREBY AGREES AND ACKNOWLEDGES THAT NO OTHER WARRANTIES ARE OFFERED OR PROVIDED IN CONNECTION WITH OR FOR THE PRODUCTS OR ANY PART THEREOF.

EFFECTIVENESS OF WARRANTY: This Limited Warranty shall become effective upon the customer purchasing, receiving and paying for a warranted product. Should a warranty issue or claim be filed, the customer is under the obligation to provide the actual production batch number of the product appearing on the rolls and on the packing list to enable tracking of the material.

LIMITATION OF LIABILITY: Serge Ferrari shall not be liable for any loss of profits or revenue, loss of use of equipment or facility, cost of capital or for any other special, indirect, incidental or consequential damages of any nature resulting from or in any manner relating to the Products covered hereby, their design, use, any inability to use the same or any delay in the delivery of the same. **THE SOLE AND EXCLUSIVE REMEDY WITH RESPECT TO ANY DEFECTIVE PRODUCTS SHALL BE THE REPAIR, CORRECTION OR REPLACEMENT THEREOF, PURSUANT TO THE FOREGOING PROVISIONS.**

Should the Products prove so defective, however, as to preclude the remedying of warranted defects by repair or replacement, the customer's sole and exclusive remedy shall be the refund of the purchase price of the fabric, or part thereof which is defective, upon its return to Serge Ferrari.

The terms and provisions of this Limited Warranty shall be governed by, construed under and enforced in accordance with, the laws of France, without regard to Uniform United Nations Conventions.

Any questions, inquiries or claims under this Limited Warranty shall be directed to:

Tissage et Enduction Serge Ferrari S.A.
B.P. 54
38352 La Tour Du Pin Cedex
France

The Serge Ferrari Group

Soltis® is a registered trademark of The Serge Ferrari Group.

SERGE FERRARI SOLTIS® 99

5-Year

Soltis® solar protection technical textiles are manufactured using Précontraint® ISO 9001-certified technology and are guaranteed for a period of five years.

Guarantees

Soltis® textiles are guaranteed in normal use against any abnormal deterioration of their essential characteristics:

- tensile strength equal to at least 85% of its original value,
- regular aging of colors subjected to the action of ultraviolet rays,
- fire resistance in conformance with M1 or M2 classification (France), B1 for Germany.

Exclusions

The guarantee is void in the case of defects due to:

- transportation, storage and handling conditions,
- faulty design, assembly, installation and fitting that do not respect good working practices, notably in conditions of strong wind,
- the effects of chemical or abrasive attacks resulting from unsuitable cleaning processes, atmospheric pollution or accidental splashing or spraying.

Conditions of Application of the Guarantee

This guarantee shall take effect upon the delivery of Soltis® textiles to the client.

The right to guarantee shall only apply if defects are reported by registered letter with acknowledgement of receipt within 30 days maximum after their appearance. Furthermore, the invoice relative to the goods must have been fully paid.

After investigation and agreement, any pieces of fabric recognized as defective by FERRARI® shall be purely and simply exchanged under the terms of this guarantee. Labor costs are therefore not covered, neither are costs resulting from dismantling, reinstallation and transport. Moreover, no compensation is included in this guarantee.

The Serge Ferrari Group

Soltis® and Précontraint® are registered trademarks of The Serge Ferrari Group.

SHEERWEAVE® EXTERIOR

5-Year Exterior

Extended Limited Warranty

What is Covered?

This warranty covers all colors of SheerWeave® Styles 1000, 2000, 2100, 2390, 2360, 2410, 2500, 2701, 2703, 2705, 2710, 3000, 4000, 4100, 4400, 4500, 4600, 4550, 4650, 4800 and 5000 when properly handled and installed for normal use in exterior systems. Phifer guarantees that, when delivered to our customer, Phifer SheerWeave will meet or exceed all of our specifications with regard to mesh configuration, dimension, strength and color. Phifer further guarantees that Phifer SheerWeave will not become nonfunctional because of changes in physical properties due to exposure to normal atmospheric conditions. This warranty does not cover damage to screen from any source nor does it cover gradual fading.

Any defects found with regard to mesh configuration, dimension, strength or color, that exist at the time of initial delivery, must be reported to Phifer within a reasonable period of time and before fabrication or installation of the material. Only full or partial rolls of Phifer SheerWeave may be returned to Phifer for replacement under this warranty except as provided in the following paragraph.

The Phifer SheerWeave mentioned above is covered by this warranty if the fabric becomes nonfunctional due to changes in physical properties. If the fabricated screen appears to be defective, it must be returned to Phifer without hardware or attachments to be inspected.

How Long Is The Coverage Period?

The warranty against changes in physical properties is valid for a period of five (5) years.

What Will Phifer Do?

Any Phifer SheerWeave found to be defective will be replaced, free of charge, with an equal quantity of Phifer SheerWeave fabric.

THIS WARRANTY DOES NOT COVER THE COST OF LABOR OR OTHER CONSEQUENTIAL EXPENSES RELATED TO REMOVAL, RETURN OR REINSTALLATION OF PHIFER SHEERWEAVE.

THIS IS THE COMPLETE AND ONLY WARRANTY PROVIDED FOR PHIFER SHEERWEAVE. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, FOR THIS PRODUCT.

Phifer Inc.

SheerWeave® is a registered trademark of Phifer Inc.

SHEERWEAVE® INTERIOR

10-Year Interior

Extended Limited Warranty

What is Covered?

This warranty covers all styles of Phifer SheerWeave shading fabric when properly handled and installed for normal use as interior vertical window shading. Phifer guarantees that, when delivered to our customer, SheerWeave will meet or exceed all of our specifications with regard to mesh configuration, dimension, strength and color. Phifer further guarantees that SheerWeave will not become nonfunctional because of changes in physical properties due to exposure to normal atmospheric conditions. This warranty does not cover damage to the shading fabric from any source nor does it cover gradual fading.

Any defects found with regard to mesh configuration, dimension, strength or color, that exist at the time of initial delivery, must be reported to Phifer within a reasonable period of time and before fabrication or installation of the material. Only full or partial rolls of SheerWeave may be returned to Phifer for replacement under this warranty except as provided in the following paragraph.

Any SheerWeave fabric installed as a fabricated shade is covered by this warranty if the fabric becomes nonfunctional due to changes in physical properties. If the fabricated shade appears to be defective, it must be returned to Phifer without hardware or attachments to be inspected.

How Long Is The Coverage Period?

The warranty against changes in physical properties is valid for a period of ten (10) years.*

What Will Phifer Do?

Any SheerWeave found to be defective will be replaced, free of charge, with an equal quantity of SheerWeave fabric.

THIS WARRANTY DOES NOT COVER THE COST OF LABOR OR OTHER CONSEQUENTIAL EXPENSES RELATED TO REMOVAL, RETURN OR REINSTALLATION OF SHEERWEAVE FABRIC.

THIS IS THE COMPLETE AND ONLY WARRANTY PROVIDED FOR PHIFER SHEERWEAVE FABRIC. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, FOR THIS PRODUCT.

*SheerWeave Infinity and Styles 7000, 7300, 7350 and 7500 carry a five (5) year warranty.

Phifer Inc.

SheerWeave® is a registered trademark of Phifer Inc.

SHOWTIME® II

2-Year

Showtime® Event Fabrics are guaranteed for a period of two (2) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the two (2) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Herculite Products Inc.

Showtime® and Herculite® are registered trademark of Herculite Products Inc.

SOFTOUCH™

3-Year

SOFTOUCH™ coated polyester fabric with non woven backer, when used properly, is guaranteed for a period of three (3) years from date of original installation against excessive loss of color or strength from normal exposure conditions, including sunlight, rot, or normal atmospheric chemicals which might render it unserviceable.

In the unlikely event of fabric failure during the three year period, Marlen Textiles will at its option, supply the original owner of the cover either fabric or credit of the original fabric value. This warranty does not cover labor, installation, or fabrication costs.

This warranty protects you against damage to covers used under normal conditions. It does not cover damage from Acts of God, vandalism, neglect or use or care not in accordance with Marlen Textiles' use and care instructions.

This warranty is in lieu of all warranties expressed or implied and Marlen Textiles will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so the above limitations or exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state-to-state.

Marlen Textiles

Softouch™ is a trademark of Marlen Textiles.

STAMOID® MARINE FABRICS

5-Year

Five Year Limited Warranty

I. WARRANTY

STAMOID® MARINE FABRICS are warranted for a period of five (5) years from the date of purchase against extreme loss of color or strength from sunlight and other normal exposure conditions subsequent to normal use when properly maintained according to Stamoid recommendations.

- Breaking strength at least equal to 85% of its original value.
- Tear strength at least equal to 85% of its original value
- Uniform color degradation with the same exposure conditions
- Water-proofness

II. EXCLUSIONS

This warranty does not cover labor installation and fabrication work by the fabricator/dealer or damage caused by use or care of the product contrary to the use and care instructions listed below. The warranty is void if the nature of the complaint(s) come(s) from:

- Degradation due to inadequate transportation, storage, handling or malevolent degradation.
- Misuse of STAMOID® MARINE FABRICS for applications not intended for each specific product as detailed in the Stamoid Marine Brochure.
- Inadequate usage.
- Consequence of chemical or abrasion action or harsh environmental conditions.
- Inadequate maintenance. See item IV. Care and maintenance below.

III. CONDITIONS OF WARRANTY APPLICATION

This warranty starts on the delivery date of the STAMOID® MARINE FABRIC to the customer. Warranty is applicable only if the nature of the complaint is communicated by registered courier with notification of reception by Serge Ferrari N.A., in a maximum lead time of 30 calendar days after its appearance. The invoice for the fabric must be fully paid before registration of any claim can be made.

If the material was not purchased directly from Serge Ferrari N.A., the claim will be registered with the wholesale distributor or converter that actually supplied the STAMOID® MARINE FABRICS.

If the fabric becomes unserviceable within the terms of this warranty, Serge Ferrari N.A. will supply replacement STAMOID® MARINE FABRIC free of charge. This warranty does not cover labor and installation supplied by the dealer.

IV. CARE AND MAINTENANCE

Regular cleaning and topcoat protectant application is required to ensure long life of the product. Stamoid recommends the use of IMAR Brand 'Stamoid' Marine Fabric cleaning and protectants products. Normal schedule of care is quarterly, while harsh environmental locations (extreme UV or caustic airborne particulate) will require more frequent care. In no circumstances should non-neutral pH or abrasive products be applied to Stamoid.

The Serge Ferrari Group.

Stamoid® is a registered trademark of The Serge Ferrari Group.

STRATAGLASS™

Limited

There is no specific warranty on the products we produce, beyond the following:

1. We will replace, at no charge, any product found to be faulty upon inspection or during fabrication, provided that all of the material requested to be replaced is returned, whether cut or not.
2. Products found to have failed in the field within an unreasonably short period of time will be replaced, upon inspection and agreement it was an "undue" failure. Cases must be considered on an individual basis, and it will be at the discretion of the manufacturer as to whether the situation is warrantable.

UNDER NO CIRCUMSTANCES, AT ANY TIME, WILL STRATAGLASS, LLC. BE HELD LIABLE FOR LABOR OR ADDITIONAL COSTS OTHER THAN THE VINYL ITSELF.

STARFIRE®

5-Year Pro Rated

Limited Warranty

Starfire fabric, when used for awning applications, is guaranteed for a period of five (5) years from date of installation against: excessive loss of color or strength from normal exposure conditions, including sunlight and normal atmospheric chemicals, which may render it unserviceable. In the unlikely event of fabric failure, this warranty provides replacement yardage to you, the original owner of the awning, as follows.

One (1) year from date of installation, new fabric equal to twice the amount used on the job; After 1 year, an allowance equal to 1/60 of the purchase price of the original material for each month remaining in the initial five (5) year period of use.

This warranty protects you against damage to awnings used under normal conditions. It does not cover damage from acts of God, vandalism, neglect or improper use. This warranty is in lieu of all warranties expressed or implied, and, Trivantage will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

* Minimal color loss can be anticipated on most light shades after constant exposure to sunlight. Darker shades have longer color retention.

Trivantage, LLC

Starfire® is a registered trademark of Glen Raven, Inc.

SUNBRELLA®

Coverage Varies By Product Line

5 Year Limited Warranty

Covers Sunbrella® Upholstery Fabrics, window treatment fabrics and specialty and decorative fabrics such as Sunbrella Plus, Supreme, Clarity, View, Unity, Allow, Fundamental, Heritage, Rib, Rain and Sling.

10 YEAR LIMITED WARRANTY

Covers Sunbrella® Awning and Marine Canvas

WHO THIS WARRANTY PROTECTS

This warranty protects the original purchaser of Sunbrella fabric.

WHAT THIS WARRANTY PROTECTS AGAINST

This warranty protects against Sunbrella fabric becoming unserviceable due to color or strength loss from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals.

WHAT THIS WARRANTY COVERS

This warranty covers Sunbrella fabric only.

WHAT THIS WARRANTY DOES NOT COVER

This warranty does not cover normal care and cleaning; damage from misuse or abuse; improper installation; or costs associated with replacement of the fabric, including labor and installation.

LIMITS TO THE WARRANTY

Glen Raven's liability is expressly limited to this warranty. Glen Raven reserves the right to inspect the fabric submitted for claim.

WHAT WE WILL DO

Glen Raven will supply new equivalent fabric to replace the fabric that becomes unserviceable.

WHO TO CONTACT

Contact your Glen Raven sales or customer service representative for warranty claims.

WHO CONSUMERS SHOULD CONTACT

Sunbrella is normally a component of an end product such as an awning, umbrella or cushion. Consumers and end-users should contact the fabricator, dealer or retailer from whom you purchased the end product.

WARRANTY COVERAGE PERIOD

Performance improvements introduced November 1, 2008 allowed Glen Raven to increase the warranty period for Sunbrella fabrics. For installations on or after November 1, 2008, the warranty coverage period is 10 years from the original purchase date. Glen Raven will provide replacement fabric at no cost during years one through eight; at the then current selling price less a 15% discount during the ninth year; and less a 30% discount during the tenth year.

Glen Raven Custom Fabrics, LLC

Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNBRELLA® INKJET WHITE

3-Year

What is covered? This warranty covers Sunbrella Inkjet White from becoming unserviceable because of loss of color or strength from normal exposure conditions, including sunlight, mildew, rot, and atmospheric chemicals. It does not cover graphics printed on the fabric or labor and installation provided by the dealer.

How long is the coverage period? The warranty runs for three years from the date of original installation. What will Glen Raven do? Glen Raven will supply new fabric free of charge to replace the fabric, which becomes unserviceable.

How can you get service? Call the dealer from whom you purchased the product to inspect the installation. The dealer will call Glen Raven and secure replacement fabric for you.

How does state law apply? This warranty gives you specific legal rights and you may have other rights, which vary from state to state.

Glen Raven Custom Fabrics, LLC
Sunbrella® is a registered trademark of Glen Raven, Inc.

SUNTEX® 80 AND 90

10-Year Exterior

Extended Limited Warranty

What is Covered?

This warranty covers SunTex® when properly handled and installed for normal use as exterior fixed screening. SunTex is also covered by this warranty for use in retractable roller systems. Phifer guarantees that, when delivered to our customer, Phifer Sun Control Products will meet or exceed all of our specifications with regard to mesh configuration, dimension, strength and color. Phifer further guarantees that Phifer Sun Control Products will not become nonfunctional because of changes in physical properties due to exposure to normal atmospheric conditions. This warranty does not cover damage to screen from any source nor does it cover gradual fading.

Any defects found with regard to mesh configuration, dimension, strength or color, that exist at the time of initial delivery, must be reported to Phifer within a reasonable period of time and before fabrication or installation of the material. Only full or partial rolls of Phifer Sun Control Products may be returned to Phifer for replacement under this warranty except as provided in the following paragraph.

The Phifer Sun Control Products mentioned above are covered by this warranty if the fabric becomes nonfunctional due to changes in physical properties. If the fabricated screen appears to be defective, it must be returned to Phifer without hardware or attachments to be inspected.

How Long Is The Coverage Period?

The warranty against changes in physical properties is valid for a period of ten (10) years.

What Will Phifer Do?

Any Phifer Sun Control Product found to be defective will be replaced, free of charge, with an equal quantity of Phifer Sun Control fabric.

THIS WARRANTY DOES NOT COVER THE COST OF LABOR OR OTHER CONSEQUENTIAL EXPENSES RELATED TO REMOVAL, RETURN OR REINSTALLATION OF PHIFER SUN CONTROL PRODUCTS.

THIS IS THE COMPLETE AND ONLY WARRANTY PROVIDED FOR PHIFER SUN CONTROL PRODUCTS. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, FOR THIS PRODUCT.

Phifer Inc.
SunTex® is a registered trademark of Phifer Inc.

SUR LAST®

3-Year

This limited warranty is valid only if a copy of the invoice for the item purchased is submitted showing date of original purchase.

What is covered? This limited warranty covers the fabric becoming unserviceable because of loss of color or strength from normal usage and exposure conditions, including sunlight, mildew and atmospheric chemicals. Consumer is responsible for normal care and cleaning of the fabric. The warranty covers fabric only. Glen Raven's liability is expressly limited to this warranty.

How long is the coverage period? This limited warranty coverage runs for three years from the date of original installation.

What will Glen Raven do? Glen Raven will supply new fabric free to replace the fabric that becomes unserviceable.

How can you get service? Call the dealer or retailer from whom you purchased the product to inspect the claim. They, in turn, will contact the manufacturer of the item purchased. The manufacturer will then contact Glen Raven and secure replacement fabric for you.

Glen Raven Custom Fabrics, LLC
Sur Last® is a registered trademark of Glen Raven, Inc.

SYNTHESIS AF-230™

10-Year UV

Product Warranty and Limitation of Liability

Synthesis AF230 is a high quality knitted shade fabric designed for tension structures, awnings, and shade covers. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The product is manufactured in China by Gale Pacific Limited ACN 082 263 778 ("Gale Pacific"), an ISO9002 accredited company.

Warranty

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears ("defect") within 10 years after the date on which the product is purchased from Gale Pacific or an authorized distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to Gale Pacific Inc, PO Box 951509, Lake Mary, Florida 32795-1509, USA or, if the product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.
2. Gale Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
- If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
- If the product has been subjected to misuse, neglect, accident or abuse.
- If the product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.
- If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Color fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
- Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction.

Note: Shade sails or structures that are greater than 1.8 meters above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilizers and will negate the warranty.

4. This warranty is not transferable, and applies only to the initial purchaser of the installed product.

5. This warranty applies to the fabric only.

In addition to the above warranty, the Trade Practices Act 1974 (Cth) and other state and territory legislation may imply warranties or conditions or impose liability on Gale Pacific in relation to the product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified. Except for those implied warranties or conditions and such liability, and for the warranty described above:

- All warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from the product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd.

Synthesis AF-230™ is a trademark of Gale Pacific.

SYNTHESIS PREMIUM HORTSHADE®

10-Year UV

Product Warranty and Limitation of Liability

Premium Hortshade™ is a high quality knitted shade fabric designed for tension structures, awnings, and shade covers. It is manufactured using high quality ingredients that have been selected for their resistance to ultra violet light degradation. The product is manufactured in China by Gale Pacific Limited ACN 082 263 778 ("Gale Pacific"), an ISO9002 accredited company.

Warranty

If, as a direct result of ultra-violet exposure, this product cracks, splits or tears ("defect") within 10 years after the date on which the product is purchased from Gale Pacific or an authorized distributor or agent of Gale Pacific, Gale Pacific will, at its option, replace the fabric component of the product (but not any other component) free of charge or refund the cost of such replacement. This warranty is subject to the following conditions and limitations:

1. All claims under this warranty must be made in writing addressed to Gale Pacific Limited, PO Box 892, Braeside, Victoria, 3195, Australia or, if the product was purchased in North America, to Gale Pacific Inc, PO Box 951509, Lake Mary, Florida 32795-1509, USA or, if the product was purchased in the Middle East, to Gale Pacific FZE, PO Box 17696, Jebel Ali, Dubai, United Arab Emirates. All claims must be accompanied by a sample of the fabric for laboratory testing and proof of place and date of purchase of the product.

2. Gale Pacific will not be liable for any claim made under this warranty in respect of any product in any of the following circumstances:

- If the defect is contributed to or caused by any improper use of the product or usage of the product for purposes other than that for which the product was designed or intended.
- If the defect occurs wholly or partly as a result of any act or omission of any person other than Gale Pacific.
- If the product has been subjected to misuse, neglect, accident or abuse.
- If the product is altered or modified in any way unless such modification has been approved in writing by Gale Pacific.
- If the product is erected, installed, or used in violation of, or in a manner that is inconsistent with, instructions or warnings furnished by Gale Pacific.

3. This warranty does not cover:

- Color fading of the product (even if due to exposure of the product to ultra-violet rays) or a deterioration in the chemical composition of the fabric other than a deterioration in the chemical composition of the fabric that occurs as a direct result of a defect; or
- Any damage to the product caused or contributed to by exposing the product to chemicals (including chlorine, halogens and organic solvents), highly acidic substances (with a pH less than 4), placing the product near an open flame (including flames from a barbecue), tensioning the product beyond its tear and tensile capabilities or mechanical friction.

Note: Shade sails or structures that are greater than 1.8 meters above a swimming pool should not be adversely affected by normal chlorine levels in a swimming pool. Direct contact with chlorine and other halogens can lead to degradation of the UV stabilizers and will negate the warranty.

4. This warranty is not transferable, and applies only to the initial purchaser of the installed product.

5. This warranty applies to the fabric only.

In addition to the above warranty, the Trade Practices Act 1974 (Cth) and other state and territory legislation may imply warranties or conditions or impose liability on Gale Pacific in relation to the product or its supply which cannot, or can only to a limited extent, be excluded, restricted or modified.

Except for those implied warranties or conditions and such liability, and for the warranty described above:

- All warranties and conditions (whether express or implied, statutory or otherwise) relating to the product or its supply are expressly excluded; and
- Gale Pacific will not be liable for any loss or damage suffered by any person (including the purchaser of the product) in any way relating to or arising from the product or its use (including loss or damage arising from the negligence of, or contributed to by, Gale Pacific).

If liability for breach by Gale Pacific of a warranty or condition or any other liability imposed on Gale Pacific by legislation which cannot be excluded may be limited, Gale Pacific's liability is limited to the extent permitted by law, and if liability may be limited in any one of a number of ways, Gale Pacific's liability is limited in any one of the permitted ways chosen by Gale Pacific in its absolute discretion.

Gale Pacific Pty. Ltd.

Synthesis Premium Hortshade® is a registered trademark of Gale Pacific.

TEXTILENE® 90 AND 95

10-Year

Twitchell Corporation produces durable, all weather fabrics that are unmatched for quality and durability. Textilene® 80, Textilene® 90 & Textilene® 95 brand fabrics are covered by a 10 year limited warranty on commercial applications from the original date of purchase against defects of workmanship and materials, and/or excessive loss strength from normal exposure conditions, including sunlight, rot, mildew, or atmospheric chemicals that might render it unserviceable. This warranty is extended only to the original purchaser of the material.

If the product has been subject to damage, neglect, unreasonable or improper use or care, exposure to corrosive chemicals, accidents, vandalism, acts of God, or other causes not arising from defects in original material or workmanship, this warranty is void. Twitchell does not endorse or certify end uses and customers must test the fabrics for their specific applications.

In the unlikely event that the fabric should fail during the warranty period, Twitchell will issue a credit or replace the fabric at Twitchell's discretion. A copy of the original purchase order must accompany all warranty claims. Twitchell Corporation is liable for the cost of the fabric only and does not accept responsibility for any other costs associated with a company's specific application.

Any defects found in regard to fabric construction, color, strength, or dimension that exist at the time of delivery must be reported to Twitchell Corporation in a reasonable period of time and before any fabrication or alteration of the fabric.

Proper care includes regular cleaning. We recommend cleaning your fabric at least twice annually for residential applications and more often for high traffic areas or contract applications.

Twitchell Corporation

Textilene® is a registered trademark of Twitchell Corporation

TRITON®

3-Year

Limited Warranty

Triton®, a registered trademark of Glen Raven, Inc, is warranted for a period of three years from the date of the original installation against excessive loss of color or strength from normal exposure conditions including sunlight, mildew, rot and normal atmospheric chemicals which may render the fabric unserviceable. This warranty does not cover damage from Acts of God, vandalism, neglect or improper use.

In the unlikely event of fabric failure during the warranty period, Graniteville Specialty Fabrics will supply you, the end consumer, new fabric free of charge working through Trivantage and your dealer. Labor and installation are not covered by this warranty. Graniteville Specialty Fabrics reserves the right to inspect the fabric or made up item of any warranty claim.

Except for the explicit warranties, herein, no other warranty, expressed or implied, including any implied warranty of merchantability of fitness for a particular use is made by Graniteville Specialty Fabrics. In no event shall Graniteville Specialty Fabrics be liable for damages to any person or property, or any consequential or incidental damages.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of consequential or incidental damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

To get service, call the dealer from whom you purchased the product. The dealer will inspect the installation and process the claim through Trivantage, LLC and Graniteville Specialty Fabrics.

Graniteville Specialty Fabrics

Triton® is a registered trademark of Glen Raven, Inc.

WEATHERTYTE®

8-Year

8 Year Limited Warranty

Terms:

Cooley Sign & Awning Products (CSP) warrants that Weathertyte standard colors, when used in a frontlit awning application, and when fabricated, installed and maintained according to instructions, will perform and provide outdoor weatherability (1) from the date of sign or awning fabrication and (2) under normal exposure conditions provided that the Cooley and other materials³ are properly stored and are applied within two years² of the original shipment date from Cooley. This warranty is contingent on the Cooley material being processed in accordance with Cooley Group’s recommended written processing instructions, and being applied to properly prepared surfaces and cleaned and maintained in accordance with recommended Cooley’s application procedures. Projects of 10 or more awnings require registration. Certification of fabrication techniques may be required by a Cooley Group representative. To register, call the Cooley Sign & Awning Customer Service at 1-800-992-0072.

“Outdoor Weatherability” for the purpose of this warranty is defined as no appreciable deterioration in the product when viewed from its intended viewing distance. Premature failure due to cracking, crazing, blistering, blowout⁶ or loss of adhesion shall constitute a breach of warranty if it occurs during the warranty period. Replacement substrate and graphics will be warranted for the period corresponding to the remaining warranty period of the original failed material. Slight color change, fading, chalking, edge lifting, or slight reduction in gloss will not materially detract from appearance and does not constitute a breach of warranty. In the event a breach of warranty occurs as defined above, Cooley Group’s sole liability is outlined below.

A. Warranty Against Fabrication Failure

Replacement of Cooley material and decoration film in an amount equal to the value of the materials that failed during fabrication. It is the sign or awning manufacturers responsibility to perform incoming raw material quality inspections, to implement appropriate manufacturing process controls including in-process testing, retain converted samples, and to immediately cease using and notify Cooley of any materials deemed defective.

B. Warranty Against Field Performance Failure

Years 1-5 (full material replacement):

For a period of five (5) years from the date of original installation. If the material does not perform under the above conditions, Cooley will supply to the awning company sufficient Weathertyte material to produce a new duplicate awning. This warranty is for fabric only and does not cover frames, labor, or installation provided by the manufacturer. This limited warranty is valid only if a copy of the invoice for the item purchased is submitted showing date of original purchase.

Years 6-8 (prorated material allowance):

If a material fails to perform in years 6-8, Cooley Sign & Awning will provide an allowance for the defective Cooley and associated decoration material used in remanufacture of the defective sign or awning calculated using the following formula:

$$\text{Allowance} = A \times \frac{96 - B}{96} \quad \text{Where } \begin{matrix} A = \text{Value of replacement materials}^4 \\ B = \text{Number of months since manufacture} \\ \text{or shelf-life expiration date.} \end{matrix}$$

where A= Value of replacement materials⁴, B= Number of months since manufacture or shelf-life expiration date.

C. Decoration

Cooley Sign & Awning Products further warrants that approved pressure sensitive vinyl, when applied to Weathertyte by the approved application methods, will not peel off under normal weathering conditions for a period of for 5 years for vertical exposure, and 3 years for non-vertical exposure in most of the United States and Canada, and three years for vertical and two years for non-vertical exposure in the Desert Southwest (Arizona, New Mexico, and desert areas of California, Nevada, Utah, and Texas.). If the pressure sensitive vinyl should peel off under the above conditions, Cooley Sign & Awning Products will supply new material to restore the awning at the then current price prorated (1/60) for each month remaining in the original warranty period.

The foregoing is not applicable to awnings which have been damaged by chemicals, airborne particles or dirt, bird droppings, or water run-off, nor to awnings damaged by willful neglect or negligent mishandling, nor to awnings which excessively fade or discolor due to use of non-recommended decorating techniques. Cooley’s liability under the warranty is limited to replacement as stated herein and Cooley will have no liability for any indirect or consequential expenses or losses.

This warranty is given in lieu of all other warranties expressed or implied and constitutes Cooley’s sole eight (8)-year warranty for Weathertyte when used for frontlit awnings.

Notification of Claim

This Cooley Warranty requires that Cooley Sign & Awning be notified in writing of any claims within twenty one (21) days of material failure. Claim notifications must include name and lot numbers for Cooley material and films, report of fabrication procedures, in-process test results, finished retain samples, installation date and location, name of sign or awning manufacturer, and any other pertinent information requested by Cooley. The Cooley Group reserves the right to inspect all reported claims. Failure to comply constitutes a waiver of all rights under this Cooley Warranty.

The Cooley Group has no obligations under this warranty with respect to products that have been modified or damaged through misuse, abuse, accident, neglect or mishandling by Purchaser or Purchaser’s customer. For example, unless specifically claimed in an Cooley Product or Bulletin, materials are not warranted against premature failure caused by chemical or mechanical means such as, but not limited to, vandalism, cleaning solutions, paints, solvents, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals. Substrates and films applied to unsound sign or awning boxes for frames or surfaces that subsequently rust, crack, peel, outgas, or become damaged beneath the flexible material are not warranted for performance. Damage from fire, structural failure, lightning, and other force majeure events are not covered.

Unintended Use of Products

Cooley products covered by this warranty are intended only for use by professional users and only for the intended uses as described in the corresponding Cooley Product Brochures. Before using for any other application, user shall determine the suitability of the product for its intended use and user assumes all risk and liability in connection therewith.

NO EXPRESS WARRANTIES AND NO IMPLIED WARRANTIES, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE, OR OTHERWISE, EXCEPT AS SET FORTH ABOVE (WHICH IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES) SHALL APPLY TO THE PRODUCTS DESCRIBED HEREIN. THE COOLEY GROUP SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING

SHALL BE VALID UNLESS MADE IN WRITING AND SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE COOLEY GROUP.

IN NO EVENT SHALL THE COOLEY GROUP BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFIT, LOSS OF USE OR PRODUCTION OR LOSS OF CAPITAL. THE COOLEY GROUP'S LIABILITY ON ANY CLAIM OF ANY KIND SHALL IN NO CASE EXCEED THE AMOUNT EXPRESSLY PROVIDED FOR IN THIS WARRANTY. THIS LIMITATION APPLIES REGARDLESS OF WHETHER THE DAMAGES ARE SOUGHT BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT, OR ANY OTHER LEGAL THEORY.

- (1) Some products are warranted for less years depending on the color and the location of the final sign or awning installation. Refer to the Cooley Zone Warranty for details.
- (2) Cooley Sign & Awning products have a 2 year shelf life from date of sale from Cooley to the customer. In the event that a material exceeds its shelf life, Cooley's warranty period will be calculated from the shelf line expiration date or the date of installation, whichever ever is less.
- (3) Refer to the Cooley Group website for approve pressure sensitive films, paints, etc.
- (4) Current exchange rates will be used to settle all international claims.
- (5) If the stated durability of the decoration materials differs from that of the Cooley material the finished sign or awning will be warranted for a period equal to the stated durability of the least durable component.
- (6) If the sign face is properly installed and maintained and within the warranty period the sign face should be destroyed or severely damaged by a "blowout" (defined as a separation of a sign face from its cabinet due to wind pressure which does not affect the display cabinet or structure), and when such "blowout" is caused solely and completely by failure of CSP sign face materials, and not in whole or part by improper workmanship, installation, materials, nor bending or twisting of the display cabinet, attachment devices, or structure, nor to the vandalism or malicious mischief, hurricanes, tornadoes, gales or other acts of God, Cooley will provide an allowance in accordance with this warranty.
- (7) Cooley Sign & Awning Products approved cleaning products and procedures are printed in Technical Bulletin #105.
- (8) Cooley Sign & Awning Products will have no obligation under this warranty until all bills have been paid in full.

Cooley Sign & Awning Products
 Weathertyte® is a registered trademark of Cooley, Inc.

WEATHERYTE® LITE

5-Year

5 Year Limited Warranty

Terms:

Cooley Sign & Awning Products (CSP) warrants that Weathertyte Lite standard colors, when used in a frontlit awning application, and when fabricated, installed and maintained according to instructions, will perform and provide outdoor weatherability¹ from the date of sign or awning fabrication and² under normal exposure conditions provided that the Cooley and other materials³ are properly stored and are applied within two years² of the original shipment date from Cooley. This warranty is contingent on the Cooley material being processed in accordance with Cooley Group's recommended written processing instructions and being applied to properly prepared surfaces and cleaned and maintained in accordance with recommended Cooley's application procedures. Projects of ten (10) or more awnings require registration. Certification of fabrication techniques may be required by a Cooley Group representative. To register, call Cooley Sign & Awning Customer Service at 1-800-992-0072.

"Outdoor Weatherability" for the purpose of this warranty is defined as no appreciable deterioration in the product when viewed from its intended viewing distance. Premature failure due to cracking, crazing, blistering, blowout⁵ or loss of adhesion shall constitute a breach of warranty if it occurs during the warranty period. Replacement substrate and graphics will be warranted for the period corresponding to the remaining warranty period of the original failed material. Slight color change, fading, chalking, edge lifting, or slight reduction in gloss will not materially detract from appearance and does not constitute a breach of warranty. In the event a breach of warranty occurs as defined above, Cooley Group's sole liability is outlined below.

A. Warranty Against Fabrication Failure

Replacement of Cooley material is an amount equal to the value of the materials that failed during fabrication. It is the responsibility of the sign or awning manufacturer to perform incoming raw material quality inspections, to implement appropriate manufacturing process controls including in-process testing, retain converted samples, and to immediately cease using and notify Cooley of any materials deemed defective.

B. Warranty Against Field Performance Failure - Years 1-5

Cooley will provide an allowance for the defective Cooley material used in remanufacture of the defective sign or awning, calculated using the following formula:

$$\text{Allowance} = A \times \frac{(60 - B)}{60} \quad \text{Where } \begin{matrix} A = \text{Value of replacement materials}^4 \\ B = \text{Number of months since manufacture} \\ \text{or shelf-life expiration date.} \end{matrix}$$

where A= Value of replacement materials⁴, B= Number of months since manufacture or shelf-life expiration date.

C. Decoration

Cooley Sign & Awning Products further warrants that approved pressure sensitive vinyl, when applied to Weathertyte Lite by the approved application methods, will not peel off under normal weathering conditions for a period for five (5) years for vertical exposure in most of the United States and Canada, and three years for vertical exposure in the Desert Southwest (Arizona, New Mexico, and desert areas of California, Nevada, Utah, and Texas.). If the pressure sensitive vinyl should peel off under the above conditions, Cooley Sign & Awning Products will supply new material to restore the awning at the then current price prorated (1/60) for each month remaining in the original warranty period.

The foregoing is not applicable to awnings which have been damaged by chemicals, airborne particles or dirt, bird droppings, or water run-off, nor to awnings damaged by willful neglect or negligent mishandling, nor to awnings which excessively fade or discolor due to use of non-recommended decorating techniques. Cooley's liability under the warranty is limited to replacement as stated herein and Cooley will have no liability for any indirect or consequential expenses or losses.

This warranty is given in lieu of all other warranties expressed or implied and constitutes Cooley's sole five (5)-year warranty for Weathertyte Lite when used for frontlit awnings.

D. Notification of Claim

This Cooley warranty requires that Cooley Sign & Awning Products be notified in writing of any claims within twenty- one (21) days of material failure. Claim notifications must include name and lot numbers for Cooley material and films, report of fabrication procedures, in-process test results, finished retain samples, installation date and location, name of sign or awning manufacturer, and any other pertinent information requested by Cooley. The Cooley Group reserves the right to inspect all reported claims. Failure to comply constitutes a waiver of all rights under this Cooley warranty.

The Cooley Group has no obligations under this warranty with respect to products that have been modified or damaged through misuse, abuse, accident, neglect or mishandling by Purchaser or Purchaser's customer. For example, unless specifically claimed in a Cooley product or bulletin, materials are not warranted against premature failure caused by chemical or mechanical means such as, but not limited to, vandalism, cleaning solutions, paints, solvents, mechanical washing equipment, engine fuel spills, engine exhaust, steam, organic solvents or other spilled chemicals. Substrates and films applied to unsound sign or awning boxes for frames or surfaces that subsequently rust, crack, peel, outgas, or become damaged beneath the flexible material are not warranted for performance. Damage from fire, structural failure, lightning, and other force majeure events are not covered.

E. Unintended Use of Products

Cooley products covered by this warranty are intended only for use by professional users and only for the intended uses as described in the corresponding Cooley product brochures. Before using for any other application, user shall determine the suitability of the product for its intended use and user assumes all risk and liability in connection therewith.

NO EXPRESS WARRANTIES AND NO IMPLIED WARRANTIES, WHETHER OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR USE, OR OTHERWISE,

EXCEPT AS SET FORTH ABOVE (WHICH IS MADE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES) SHALL APPLY TO THE PRODUCTS DESCRIBED HEREIN. THE COOLEY GROUP SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER SUCH WARRANTIES. NO WAIVER, ALTERATION, ADDITION OR MODIFICATION OF THE FOREGOING SHALL BE VALID UNLESS MADE IN WRITING AND SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE COOLEY GROUP.

IN NO EVENT SHALL THE COOLEY GROUP BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFIT, LOSS OF USE OR PRODUCTION OR LOSS OF CAPITAL. THE COOLEY GROUP'S LIABILITY ON ANY CLAIM OF ANY KIND SHALL IN NO CASE EXCEED THE AMOUNT EXPRESSLY PROVIDED FOR IN THIS WARRANTY. THIS LIMITATION APPLIES REGARDLESS OF WHETHER THE DAMAGES ARE SOUGHT BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT, OR ANY OTHER LEGAL THEORY.

- (1) Some products are warranted for less years depending on the color and the location of the final sign or awning installation. Refer to the Cooley Zone Warranty for details.
- (2) Cooley Sign & Awning products have a 2 year shelf life from date of sale from Cooley to the customer. In the event that a material exceeds its shelf life, Cooley's warranty period will be calculated from the shelf life expiration date or the date of installation, whichever is less.
- (3) Refer to the Cooley Group website for approved pressure sensitive films, paints, etc.
- (4) Current exchange rates will be used to settle all international claims.
- (5) If the sign face is properly installed and maintained and within the warranty period and the sign face should be destroyed or severely damaged by a "blowout" (defined as a separation of a sign face from its cabinet due to wind pressure which does not affect the display cabinet or structure), and when such "blowout" is caused solely and completely by failure of CSP sign face materials, and not in whole or part by improper workmanship, installation, materials, nor bending or twisting of the display cabinet, attachment devices, or structure, nor to the vandalism or malicious mischief, hurricanes, tornadoes, gales or other acts of God, Cooley will provide an allowance in accordance with this warranty.
- (6) Cooley Sign & Awning Products approved cleaning products and procedures are printed in Technical Bulletin #105.
- (7) Cooley Sign & Awning Products will have no obligation under this warranty until all bills have been paid in full.

Cooley Sign & Awning Products

Weathertyte® is a registered trademark of Cooley, Inc.

WEBLON® COASTLINE PLUS®

5-Year

Limited Warranty

Coastline Plus Awning Fabrics are guaranteed for a period of five (5) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state

Herculite Products Inc.

Weblon® and Coastline Plus® are trademarks of Herculite Products Inc.

WEBLON® REGATTA® YACHT FABRIC**5-Year****Limited Warranty**

Regatta Yacht Fabrics are guaranteed for a period of five (5) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the five (5) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Herculite Products Inc.

Webлон® and Regatta® are trademarks of Herculite Products Inc.

WEBLON® VANGUARD®**8-Year****Limited Warranty**

Vanguard Awning Fabrics are guaranteed for a period of eight (8) years from date of original installation against rot or excessive deterioration, mildew stains, excessive loss of strength or color change if they occur in normal use and exposure, including sunlight and normal atmospheric chemicals. (Some color change is unavoidable due to ultraviolet rays and chemicals in the atmosphere.)

In the unlikely event of failure of fabric during the eight (8) year period from date of original installation, we will supply you, the original owner or the provider of your protective fabric accessories with replacement fabric at no charge.

This warranty protects you against damage to the fabric accessories used under normal conditions. It does not cover damage to the fabric from acts of God, vandalism, neglect or improper use.

This warranty is in lieu of all warranties expressed or implied, and, Herculite Products Inc. will not be liable for any consequential or incidental damage. Any implied warranties imposed by law are limited in time to the duration of the expressed warranty.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage, so, the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Herculite Products Inc.

Vanguard® is a trademark of Herculite Products Inc.





SECTION 2 SHADE SOLUTIONS

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SOLAIR® PRO RETRACTABLE AWNING

The Solair Pro is the ultimate solution for beautiful, stylish shade. Available in a wide range of fabrics, customizable sizes and modern frame color choices, the Pro will create a more finished, personalized look to your customers' outdoor oasis.

Standard Features

Frame: Corrosion-resistant, electrostatic powder-coated aluminum.

Arms: Sturdy construction with self-lubricating middle hinge and upper arm attachment sleeve bushings to provide smooth, quiet operation and wear reduction. An elliptical cable path in the hinge allows for cables to hold tension in the arm springs for consistent operation and a tight fabric appearance.

Hardware: The Pro is manufactured with durable stainless steel, corrosion-resistant fasteners. Finished look with protective caps and covers to hide most exposed hardware.

Pitch: Adjustable locking awning pitch from 5° to 60° for maximum shade control.

Performance: Earned TUV Certification for its quality, durability and workmanship.

Front Bar: Extruded aluminum front bar engineered for long-lasting strength and durability. Front bar features a rain channel to prevent water from gathering. Dual action front bar attachment increases flexibility and reduces strain on arms during wind gusts.

Roller Tube: Galvanized steel roller tube provides greater strength and less deflection. (Use of a center support may still be recommended.)

Styling

Frame Colors: White, Latte, Sand and Cocoa.

Fabric Options: Hundreds of fabric choices from Sunbrella® and Dickson® brands.

Available Sizes

Widths: Custom 8 feet to 30 feet. All units greater than 25 feet wide will be spliced and shipped in two pieces requiring some field assembly before installation.

Projections: 5 feet, 6 feet 11 inches, 8 feet 7 inches, 10 feet 2 inches, 11 feet 6 inches and 13 feet.

Motorized Operation

We recommend that the Solair Pro unit be motorized, for ease of use. We offer three standard RTS motor options based on the size of the unit (specifications listed on page #141). Hand held remote allows awning operation with the touch of a button from 65 feet away.

Some motors are available with a manual override option (CMO) for added safety in case of power loss.

Motorization also allows for additional electronic options such as wind and sun sensors (Somfy electronics covered on page #151).

For ordering assistance, contact Trivantage customer service at 800.786.1876 or visit the online Solair Shade Solutions Extranet for order forms and pricing.

Optional Features

Remote Control: Allows awning operation with the touch of a button from up to 65 feet away (standard on motorized awnings).

Protective Hood: Protects fabric and motor while providing a finished look.

Awning Assist Brace: Removable brace engineered to add support and stability to any Solair retractable awning.

Valance: Choose from several styles – from traditional scalloped edges to modern straight lines.

Valance Plus: Screen or solid fabric unwinds from front valance to provide additional shade and privacy.

Additional Information

Solair XP Units allow for greater projections in narrower spaces. Ask a sales representative for more details.

Solair awnings can be mounted to the structural part of most buildings. Different types of brackets are required in certain applications. Contact your Trivantage sales representative or a Solair Technical Specialist for help in determining the best bracket for your application by calling 877.899.1680 or e-mailing us at: help@solair.com.

The Installation Package Includes

- Installed Motor
- Motor Bracket or Installation Kit for CMO Motors
- Crown
- Drive Wheel
- Switch and Plate (if standard motor)
- Switch Box and Power Cord (if plug-in motor)
- **Standard motor options include: (Extra cost varies)**
 - 1) Somfy 550 RTS – for units up to 24 feet when CMO is not required
 - 2) Sunea 550 RTS CMO – for units up to 24 feet when CMO is required
 - 3) Simu 660 RTS CMO – for units wider than 24 feet; CMO is standard
- **Remote Control Options: (Extra cost varies)**
 - 1) 274552 Single Channel Pure
 - 2) 274550 Four Channel Pure
 - 3) 274553 Single Channel Patio (weather resistant)
 - 4) 274551 Four Channel Patio (weather resistant)

General Installation Requirements

Installation manuals come standard with every awning. Please contact the Solair technical support team at 877.889.1680 with all installation questions.

The motor cable should not act as a direct conduit for water to enter the head of the motor. Note: Somfy motors conform to IP44 requirements and as such must be protected against direct weather elements such as rain, sleet, etc. In order to avoid water penetration, form a “drip loop” with the power cable and use a hood when required.

RTS Motor Installation Requirements

If the installation consists of multiple RTS motors, only one motor can be programmed at a time. All other motors must be disconnected. This will avoid interferences during the initial programming of each motor. The mounting distance between any two RTS motor heads should be no less than 19 inches to avoid possible interference.

Warranty

10-year limited warranty on Solair Pro framework. 10-year limited warranty on Sunbrella fabrics. 5-year limited warranty on most standard fabrics. 5-year warranty on Somfy motors. All warranties are good from the day of purchase. Complete warranties can be found online at [Solair Shade Solutions Extranet](http://SolairShadeSolutions.com).

Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc.
Somfy® is a registered trademark of Somfy Systems, Inc.
WireFree™ is a trademark of Somfy Systems, Inc.



SOLAIR® PRO HOOD KIT

Kits include new Solair Pro Hood, End Covers, and Hood Brackets in quantity appropriate for specified width.

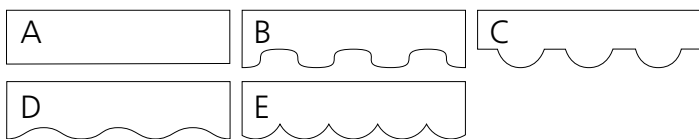
Available Sizes

Widths: Hood kits are made to order from 8ft to 30ft wide. Orders over 24ft require splicing in the field.

Available Colors

- Cocoa
- Latte
- Sand
- White

Solair® is a registered trademark of Glen Raven, Inc.



Standard Valance Styles

SOLAIR® PRO AWNING COVERS

Save fabrication time! We offer quality covers for the Solair Pro. Covers are offered in any standard pattern of Sunbrella® and Dickson® awning fabric. (Other fabric styles upon request.) All Pro covers have welded seams unless otherwise noted.

Replacement covers and valances are available by special order. Please contact a Trivantage associate for details.

Warranty 10-year limited warranty on Sunbrella fabrics.

Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc.



SOLAIR® PRO VALANCE PLUS SYSTEM

The Solair Pro Valance Plus System is a vertical roll-down drop valance option that provides protection from the setting sun. A standard 4-foot vertical fabric drop from the front bar is optimal for western exposures.

The Valance Plus System consists of a cassette and a drop valance fabric (valance fabric sold separately). The design of the cassette also accommodates a standard fixed valance. The Valance Plus cassette is available in white, latte, sand and cocoa frame colors. The system is only available for the Pro unit with projections up to 10ft 2in and widths up to 20ft. Allow for additional delivery time.

Warranty 10-year limited warranty on Solair Pro Valance Plus framework. Fabric warranties will vary but most have 5 or 10 year limited warranties.

Solair® is a registered trademark of Glen Raven, Inc.

SOLAIR® PRO VALANCE PLUS FABRIC

Solair Pro Valance Plus Fabric is supplied for use in the Solair Pro Valance Plus System. The fabric is available in widths from 10 feet to 20 feet, with a standard drop of four feet. Choose from a selection of 60 inch Sunbrella® solids, or select a Sunbrella pattern that coordinates with your awning cover fabric. Also available in 90% Textilene® in five stock colors (black, brown, beige, grey and desert sand).

Solair® and Sunbrella® are registered trademarks of Glen Raven, Inc. Textilene® is a registered trademark of Twitchell Corporation.

SOLAIR® PRO TOUCH-UP PAINT

A lacquer base, touch-up paint for Solair. Ideal for touching up small areas.

ITEM #	STYLE #	DESCRIPTION	COLOR
254130	RAL9010	12 oz. Aerosol Can	White
254131	RAL9019	12 oz. Aerosol Can	Latte
254132	RAL1013	12 oz. Aerosol Can	Sand
254133	RAL8017	12 oz. Aerosol Can	Cocoa
254136	RAL9010	0.6 oz. Brush Top Bottle	White
254137	RAL1019	0.6 oz. Brush Top Bottle	Latte
254138	RAL1013	0.6 oz. Brush Top Bottle	Sand/Ivory
254139	RAL8017	0.6 oz. Brush Top Bottle	Cocoa

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SOLAIR® PRO COMPONENTS

ITEM #	DESCRIPTION	COLOR	MATERIAL
106800	Hand Brace 57 in.		Aluminum w/Wooden Handle
106801	Hand Brace 65 in.		Aluminum w/Wooden Handle
106802	Hand Brace 77 in.		Aluminum w/Wooden Handle
106803	Hand Brace 97 in.		Aluminum w/Wooden Handle
106805	Hand Brace 24 in.		Aluminum w/Wooden Handle
231500	Roller Tube 16 ft x 78 mm		Galvanized Steel
231501	Roller Tube 20 ft. x 78 mm		Galvanized Steel
231502	Roller Tube 24 ft. x 78 mm		Galvanized Steel
231503	Roller Tube 30 ft. x 78 mm		Galvanized Steel
231507	Square Gudgeon 80 mm		Plastic
231508	Round Gudgeon 80 mm		Plastic
231601	Roller Tube Support Bracket with Covers	White	Extruded Aluminum, Plastic
231602	Center Support	White	
231604	Conical Gear 4.4:1	White	
231605	Retention Pin	White	Nylon
231606	Shoulder for up to 11 ft. 6 in. Arms	White	
231607	Shoulder for 13 ft. Arms	White	
231608	Front Bar Attachment	White	
231609	Front Bar End Cap	White	Plastic
231613	Arm 5 ft.	White	
231614	Arm 6 ft. 11 in.	White	
231615	Arm 8 ft. 7 in.	White	
231616	Arm 10 ft. 2 in.	White	
231617	Arm 11 ft. 6 in.	White	
231618	Arm 13 ft.	White	
231620	Hood End Cap	White	Aluminum
231621	Soffit Bracket Adapter	White	Extruded Aluminum
231622	Roof Mount Bracket 12 in.		Stainless Steel
231623	XP System	White	
231650	Wall Bracket	White	Extruded Aluminum
231651	Wall Bracket	Latte	Extruded Aluminum
231652	Wall Bracket	Sand	Extruded Aluminum
231653	Wall Bracket	Cocoa	Extruded Aluminum
231654	Hood Bracket	White	Extruded Aluminum
231655	Hood Bracket	Latte	Extruded Aluminum
231656	Hood Bracket	Sand	Extruded Aluminum
231657	Hood Bracket	Cocoa	Extruded Aluminum
231682	Torsion Bar 16 ft.	White	Aluminum
231683	Torsion Bar 20 ft.	White	Aluminum
231684	Torsion Bar 24 ft.	White	Aluminum
231686	Front Bar 16 ft.	White	Extruded Aluminum
231687	Front Bar 20 ft.	White	Extruded Aluminum
231688	Front Bar 24 ft.	White	Extruded Aluminum
231690	Hood 16 ft.	White	Aluminum
231691	Hood 20 ft.	White	Aluminum
231692	Hood 24 ft.	White	Aluminum
231696	Roof Mount Bracket 10 in.		Stainless Steel
231701	Roller Tube Support Bracket with Covers	Latte	Extruded Aluminum, Plastic
231702	Center Support	Latte	
231704	Conical Gear 4.4:1	Latte	
231705	Retention Pin	Latte	Nylon
231706	Shoulder for up to 11 ft. 6 in. Arms	Latte	
231707	Shoulder for 13 ft. Arms	Latte	
231708	Front Bar Attachment	Latte	
231709	Front Bar End Cap	Latte	Plastic
231713	Arm 5 ft.	Latte	
231714	Arm 6 ft. 11 in.	Latte	
231715	Arm 8 ft. 7 in.	Latte	
231716	Arm 10 ft. 2 in.	Latte	
231717	Arm 11 ft. 6 in.	Latte	
231718	Arm 13 ft.	Latte	
231720	Hood End Cap	Latte	Aluminum
231721	Soffit Bracket Adapter	Latte	Extruded Aluminum
231723	XP System	Latte	
231782	Torsion Bar 16 ft.	Latte	Aluminum
231783	Torsion Bar 20 ft.	Latte	Aluminum

ITEM #	DESCRIPTION	COLOR	MATERIAL
231784	Torsion Bar 24 ft.	Latte	Aluminum
231786	Front Bar 16 ft.	Latte	Extruded Aluminum
231787	Front Bar 20 ft.	Latte	Extruded Aluminum
231788	Front Bar 24 ft.	Latte	Extruded Aluminum
231790	Hood 16 ft.	Latte	Aluminum
231791	Hood 20 ft.	Latte	Aluminum
231792	Hood 24 ft.	Latte	Aluminum
231801	Roller Tube Support Bracket with Covers	Sand	Extruded Aluminum, Plastic
231802	Center Support	Sand	
231804	Conical Gear 4.4:1	Sand	
231805	Retention Pin	Sand	Nylon
231806	Shoulder for up to 11 ft. 6 in. Arms	Sand	
231807	Shoulder for 13 ft. Arms	Sand	
231808	Front Bar Attachment	Sand	
231809	Front Bar End Cap	Sand	Plastic
231813	Arm 5 ft.	Sand	
231814	Arm 6 ft. 11 in.	Sand	
231815	Arm 8 ft. 7 in.	Sand	
231816	Arm 10 ft. 2 in.	Sand	
231817	Arm 11 ft. 6 in.	Sand	
231818	Arm 13 ft.	Sand	
231820	Hood End Cap	Sand	Aluminum
231821	Soffit Bracket Adapter	Sand	Extruded Aluminum
231823	XP System	Sand	
231882	Torsion Bar 16 ft.	Sand	Aluminum
231883	Torsion Bar 20 ft.	Sand	Aluminum
231884	Torsion Bar 24 ft.	Sand	Aluminum
231886	Front Bar 16 ft.	Sand	Extruded Aluminum
231887	Front Bar 20 ft.	Sand	Extruded Aluminum
231888	Front Bar 24 ft.	Sand	Extruded Aluminum
231890	Hood 16 ft.	Sand	Aluminum
231891	Hood 20 ft.	Sand	Aluminum
231892	Hood 24 ft.	Sand	Aluminum
231901	Roller Tube Support Bracket with Covers	Cocoa	Extruded Aluminum, Plastic
231902	Center Support	Cocoa	
231904	Conical Gear 4.4:1	Cocoa	
231905	Retention Pin	Cocoa	Nylon
231906	Shoulder for up to 11 ft. 6 in. Arms	Cocoa	
231907	Shoulder for 13 ft. Arms	Cocoa	
231908	Front Bar Attachment	Cocoa	
231909	Front Bar End Cap	Cocoa	Plastic
231913	Arm 5 ft.	Cocoa	
231914	Arm 6 ft. 11 in.	Cocoa	
231915	Arm 8 ft. 7 in.	Cocoa	
231916	Arm 10 ft. 2 in.	Cocoa	
231917	Arm 11 ft. 6 in.	Cocoa	
231918	Arm 13 ft.	Cocoa	
231920	Hood End Cap	Cocoa	Aluminum
231921	Soffit Bracket Adapter	Cocoa	Extruded Aluminum
231923	XP System	Cocoa	
231982	Torsion Bar 16 ft.	Cocoa	Aluminum
231983	Torsion Bar 20 ft.	Cocoa	Aluminum
231984	Torsion Bar 24 ft.	Cocoa	Aluminum
231986	Front Bar 16 ft.	Cocoa	Extruded Aluminum
231987	Front Bar 20 ft.	Cocoa	Extruded Aluminum
231988	Front Bar 24 ft.	Cocoa	Extruded Aluminum
231990	Hood 16 ft.	Cocoa	Aluminum
231991	Hood 20 ft.	Cocoa	Aluminum
231992	Hood 24 ft.	Cocoa	Aluminum
270255	Roller Tube 16 ft. x 80 mm		Aluminum
270256	Roller Tube 20 ft. x 80 mm		Aluminum
270257	Roller Tube 24 ft. x 80 mm		Aluminum
299545	Awning Assist Brace Kit	White	

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SOLAIR® COMFORT RETRACTABLE AWNING

Add a new room to their house.

Your customers can enjoy their outdoor spaces like never before with the all new Solair Comfort. They'll sit in cool comfort or bask in the sun with this easy-to-use, retractable awning. Add beauty to their home. Reduce their energy bills and protect their furniture against harmful UV rays. It's all possible with this affordable shade solution from the shade experts.

Standard Features

Frame: All aluminum frame components are electrostatic powder coated to provide a corrosion-resistant, high quality finish.

Arms: Arm control features double galvanized steel cables, wrapped in PVC for corrosion resistance and long life.

Hardware: Durable, die-cast arm construction.

Performance: Earned TUV Certification for its quality, durability and workmanship.

Front Bar: Front bar attachment has dual-action feature that increases flexibility and reduces strain on the awning during a wind gust.

Styling

Frame Colors: White and Latte.

Fabric Options: Hundreds of fabric choices from Sunbrella® and Dickson® brands.

Available Sizes

Widths: 11 feet 9 inches, 15 feet 6 inches, 19 feet 3 inches.

Projection: 10 feet 2 inches.

Motorized Operation

Optional motorized operation available and recommended for ease of use. Hand held remote included with motorized option. Allows awning operation with the touch of a button from 65 feet away.

Optional Features

Wireless Wind Sensor: Automatically retracts awnings upon detection of damaging winds.

Awning Assist Brace: Removable brace engineered to add support and stability to any Solair retractable awning.

Protective Hood: Protects fabric and motor while providing a finished look.

Warranty

Fabric: 10-year limited warranty on Sunbrella® fabrics.
5-year limited warranty on most standard fabric options.
Frame: 5-year warranty.
Motor: 5-year warranty.
All warranties are good from the day of purchase.

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SOLAIR® COMFORT HOOD KIT

ITEM #	COLOR	WIDTH
276252	White	11 ft. 9 in.
276253	White	15 ft. 6 in.
276254	White	19 ft. 3 in.
276255	Latte	11 ft. 9 in.
276256	Latte	15 ft. 6 in.
276257	Latte	19 ft. 3 in.

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For ordering assistance, contact Trivantage customer service at 800.786.1876 or visit the online Solair Shade Solutions Extranet for order forms and pricing.



SOLAIR® POWER SCREEN

Revamp your customer's space with the click of a button so they can enjoy the outdoors on their terms. The Solair Power Screen transforms residential and commercial outdoor spaces into comfortable, ventilated, pest-free environments, protected from harmful UV rays. Motorized or manually operated, each Solair Power Screen is custom-designed and fabricated to fit the shape and design of the structure. When not in use, the screen retracts out-of-sight and blends stylishly with the building's exterior.

The SRS (Side Retention System) Power Screen is widely known as the highest performing screen system on the market today. The key to the superior functionality of the SRS is its fully retained fabric inside of aluminum side rails. The design creates a tight fit and long lasting performance.

With the increase in popularity of clear vinyl and fabric enclosures utilizing the Power Screen SRS, there are added precautions that you need to be aware of. When these screens are deployed, it is imperative someone observes the deployment of each screen (we do not recommend putting more than one screen per channel on a remote control). Operation in conditions in which wind and/or cold temperatures are present can result in the screen encountering a stall. Please consult your Trivantage sales representative on all clear vinyl and fabric enclosures.

Specially designed housing cassettes in two sizes allow product widths from 4ft to 18ft, and drops from 3ft to 11ft. Consult your TV sales associate for proper sizing techniques.

Offered in a variety of screening and shading options to suit your customer's needs.

When lowered in the summer months, Solair Power Screen fabrics will reduce air conditioning costs.

During cooler weather, the Solair Power Screen can be kept open to allow the sun's warmth to penetrate the interior.

Utilizing the latest technology, many Solair Power Screen fabrics are not only fire retardant, but industry leaders in puncture, tear and mildew resistance. Manufactured with the highest grade aluminum and nylon components, Solair Power Screens stand up to the toughest environments.

Power Screen frames are available in eleven colors: Black, Bronze, Brown, Desert Sand, Gray, Green, Tan, Navajo, Silver, White, Bright White. Custom colors are available at additional cost.

Motorized operation is recommended for all screen installations for quick deployment or retraction when needed. Motors offered are matched to the torque required based on fabric and frame weight.

Warranty 10-year limited frame warranty. Proper installation techniques must be followed to ensure long-term performance. Improper installation techniques will void warranty. Please consult your sales representative for installation guidelines.

Solair® is a registered trademark of Glen Raven, Inc.



Power Screen enclosures help businesses generate revenue year-round

SOLAIR® CABLE CURTAIN

Your customer can enjoy more time outdoors with the privacy and shade of the Solair Cable Curtain. When used as window shades, cable curtains can help reduce cooling costs and keep the heat outside the home. Perfect for both residential and commercial applications such as patios, gazebos and storefront settings.

Similar to the vertical curtain, the cable curtain includes a bottom bar, which connects to your choice of either 10 foot or 15 foot stainless steel side cables. The cables are supplied with cable clamps for securing cables to the floor or wall.

Standard Features

Frame: Made with electrostatic powder coated aluminum and galvanized steel components for a strong but light weight unit.

Winding Brace: Available in 24 inch, 57 inch, 65 inch (standard), 77 inch, or 97 inch.

Styling

Frame Colors: White, Sand and Cocoa.

Available Sizes

Frame kits are available in widths from 4 feet to 20 feet.

Motorized Operation

Optional motorized operation available and recommended for ease of use.

Optional Features

Remote Control: Allows you to operate curtain with the touch of a button from up to 65 feet away.

Protective Hood: Protects fabric and motor while providing a finished look.

Warranty Frame: 5-year warranty
Motor: 5-year warranty

SOLAIR® VERTICAL CURTAIN

The Solair Vertical Curtain provides an economical way to offer your customers a retractable vertical shade. These shades can reduce cooling costs and keep the heat outside the home. Perfect for both residential and commercial applications such as patios, gazebos and storefront settings. The system includes roller tube, gear, winding brace and mounting hardware.

Standard Features

Frame: Made with electrostatic powder coated aluminum and galvanized steel components for a strong but light weight unit.

Winding Brace: Available in 24 inch, 57 inch, 65 inch (standard), 77 inch, or 97 inch.

Styling

Frame Colors: White, Sand and Cocoa.

Available Sizes

Frame kits are available in widths from 4 feet to 20 feet.

Motorized Operation

Optional motorized operation available and recommended for ease of use.

Optional Features

Remote Control: Allows you to operate curtain with the touch of a button from up to 65 feet away.

Protective Hood: Protects fabric and motor while providing a finished look.

Warranty Frame: 5-year warranty
Motor: 5-year warranty

SOLAIR® CABLE AND VERTICAL CURTAIN COMPONENTS

ITEM #	DESCRIPTION	COLOR	LENGTH	MATERIAL	STANDARD PACKAGE
231500	Roller Tube		16 ft. x 78 mm	Galvanized Steel	Pair
231501	Roller Tube		20 ft. x 78 mm	Galvanized Steel	Pair
231502	Roller Tube		24 ft. x 78 mm	Galvanized Steel	Pair
231503	Roller Tube		30 ft. x 78 mm	Galvanized Steel	Pair
231521	Cables		10 ft.	Stainless Steel	Pair
231522	Cables		15 ft.	Stainless Steel	Pair
231523	Bottom Bar Gudgeon				
231639	End Bracket	White		Powder Coated Steel	
231640	Feet	White		Powder Coated Steel	Pair
231645	Bottom Bar	White	19 ft. 8 in.		
231739	End Bracket	Latte		Powder Coated Steel	
231740	Feet	Latte		Powder Coated Steel	Pair
231745	Bottom Bar	Latte	19 ft. 8 in.		
231839	End Bracket	Sand		Powder Coated Steel	
231840	Feet	Sand		Powder Coated Steel	Pair
231845	Bottom Bar	Sand	19 ft. 8 in.		
231939	End Bracket	Cocoa		Powder Coated Steel	
231940	Feet	Cocoa		Powder Coated Steel	Pair
231945	Bottom Bar	Cocoa	19 ft. 8 in.		

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SOLAIR® MAXI WINDOW AWNING

Make your customer's home cooler and more stylish. The Solair window awning is a great investment in the beauty and value of a home or business. Adding a customized look to the outside, these shade solutions work to control the temperature and protect furniture and flooring against sun damage inside. Solair window awnings feature your choice of hundreds of fade-resistant and easy-to-clean fabrics, including brands like Sunbrella® and Dickson®, to customize any style of home. And thanks to design-inspired engineering using the highest quality materials and components, you will enjoy these shade solutions with little maintenance required.

The Solair Maxi window awning is recommended for use over large window spans where durability and strength are required. Available in four stock arm projections (2ft. 4in./ 3ft. 4in./ 4ft. 6in./ 5ft. 8in.) and made to order in custom widths from 6ft. to 20ft. Frame colors include white, sand and cocoa.

Warranty 5-year limited warranty on Solair Maxi framework. 10-year limited warranty on Sunbrella® fabrics. 5-year limited warranty on most standard fabrics. 5-year warranty on Somfy® motors. All warranties are good from the day of purchase.

Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.

For ordering assistance, contact Trivantage customer service at 800.786.1876 or visit the online Solair Shade Solutions Extranet for order forms and pricing.



SOLAIR® MAXI HOOD KIT

Kits include Maxi Hood, End Covers and Hood Brackets in quantity appropriate for specified kit width.

Available Sizes

Widths: Maxi Hood kits are made to order from 8ft to 20ft wide.

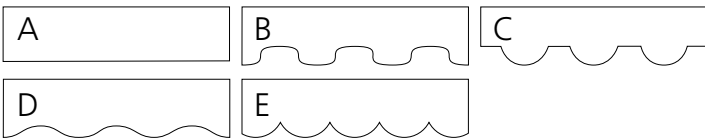
Available Colors

- Cocoa
- Sand
- White

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SOLAIR® MAXI AWNING COVERS

Save fabrication time! We offer quality covers for the Solair Maxi window shade systems. Covers are offered in any standard pattern of Sunbrella® and Dickson® awning fabric. (Other fabric styles upon request.) Available with welded seams.



Solair®, Sunbrella® and Dickson® are registered trademarks of Glen Raven, Inc.

SOLAIR® MAXI COMPONENTS

ITEM #	DESCRIPTION	COLOR	MATERIAL
231518	Pinless Gudgeon 80 mm	Grey	
231519	Pin Set		
231603	Gear 9:1	White	
231637	End Brackets	White	Powder Coated Steel
231638	Center Support	White	
231641	Front Bar Ends Caps	White	Plastic
231642	Hood Bracket	White	Powder Coated Steel
231643	Hood End Cap	White	Aluminum
231644	Hood 20 ft.	White	Aluminum
231646	Arm 2 ft. 4 in.	White	
231647	Arm 3 ft. 4 in.	White	
231648	Arm 4 ft. 6 in.	White	
231649	Arm 5 ft. 8 in.	White	
231803	Gear 9:1	Sand	
231837	End Brackets	Sand	Powder Coated Steel
231838	Center Support	Sand	
231841	Front Bar Ends Caps	Sand	Plastic
231842	Hood Bracket	Sand	Powder Coated Steel
231843	Hood End Cap	Sand	Aluminum
231844	Hood 20 ft.	Sand	Aluminum
231846	Arm 2 ft. 4 in.	Sand	
231847	Arm 3 ft. 4 in.	Sand	
231848	Arm 4 ft. 6 in.	Sand	
231849	Arm 5 ft. 8 in.	Sand	
231903	Gear 9:1	Cocoa	
231937	End Brackets	Cocoa	Powder Coated Steel
231938	Center Support	Cocoa	
231941	Front Bar Ends Caps	Cocoa	Plastic
231942	Hood Bracket	Cocoa	Powder Coated Steel
231943	Hood End Cap	Cocoa	Aluminum
231944	Hood 20 ft.	Cocoa	Aluminum
231946	Arm 2 ft. 4 in.	Cocoa	
231947	Arm 3 ft. 4 in.	Cocoa	
231948	Arm 4 ft. 6 in.	Cocoa	
231949	Arm 5 ft. 8 in.	Cocoa	

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For ordering assistance, contact Trivantage customer service at 800.786.1876 or visit the online Solair Shade Solutions Extranet for order forms and pricing.



SOMFY® OPERATORS AND OPERATOR OPTIONS

These high quality tubular motors and remote controls are designed to operate all Solair retractable awning systems. They provide the ultimate convenience in retractable awning operation. A remote control receiver is incorporated within the motor allowing the user remote control capability (no more electricians to hardwire the electronics). The receivers have a range up to 65 feet. All motors come standard with a power cord. Multiple lengths are available.

General Installation Requirements

The motor cable should not act as a direct conduit for water to enter the head of the motor. Note: Somfy motors conform to IP44 requirements and as such must be protected against direct weather elements such as rain, sleet, etc. In order to avoid water penetration, form a "drip loop" with the power cable and use a hood when required.

RTS Motor Installation Requirements

If the installation consists of multiple RTS motors, only one motor can be programmed at a time. All other motors must be disconnected. This will avoid interferences during the initial programming of each motor. The mounting distance between any two RTS motor heads should be no less than 19 inches to avoid possible interference.

Use only Somfy RTS radio controls.

ITEM #	DESCRIPTION	COLOR	STYLE #
274276	Chronis Timer		1805040
274498	4-Channel Transmitter	Silver	1810641
274499	1-Channel Transmitter	Silver	1810639
274547	Telis Soliris RTS Pure Transmitter		1810635
274550	Telis 4-Channel RTS Pure Transmitter		1810633
274551	Telis 4-Channel RTS Patio Transmitter		1810645
274552	Telis 1-Channel RTS Pure Transmitter		1810632
274553	Telis 1-Channel RTS Patio Transmitter		1810643
274571	Telis Soliris 4-Channel RTS Patio Transmitter		1810648
275019	Telis 4-Channel RTS Lounge Transmitter		1810652
275111	Interchangeable Patio Button	White	61205140
276645	Telis 1-Channel Lounge Transmitter	Silver	1811082
276650	Telis 16-Channel RTS Transmitter	Silver	1811082

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SOMFY® ALTUS RTS MOTOR

ITEM #	DESCRIPTION	STYLE #	CABLE CORD LENGTH
274006	RTS Motor Cable	9012146	24 ft.
274031	RTS Motor Cable with NEMA Plug	9012145	12 ft.
274304	RTS Motor Cable	9012151	18 ft.
274753	RTS Motor 525A2 with NEMA Plug		12 ft.
274761	RTS Motor 550R2 with NEMA Plug		12 ft.

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Somfy Sunea RTS CMO Motor with Extension Cord with NEMA Plug

SOMFY® SUNEА RTS CMO MOTOR

Trivantage carries several Somfy motors to complement our shade solutions product line. The Sunea RTS CMO motor, which is used most often in our Solair Pro retractable awning, features easy limit-setting via transmitter, torque sensing capabilities, back release function, back impulse function setting, manual override, built-in Radio Technology Somfy (RTS) and a convenient 18 inch fast connector cable to adapt to various cable lengths.

The Sunea RTS CMO is compatible with Somfy's entire collection of RTS controls including hand-held remotes, wall switches, timers, sensors and outdoor heaters.

ITEM #	DESCRIPTION	STYLE #	CABLE CORD LENGTH
273920	RTS CMO Motor 525A2	1114230	
273921	RTS CMO Motor 535A2	1047318	
273922	RTS CMO Motor 550R2	1118167	
274576	RTS CMO Extension Cord with NEMA Plug	9015783	12 ft.
274577	RTS CMO Extension Cord with NEMA Plug	9015977	18 ft.
274578	RTS CMO Extension Cord with NEMA Plug	9015784	24 ft.
274580	RTS CMO Override Kit	9015989	

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SOMFY® CMO MOTOR

The Somfy Compact Manual Override (CMO) Motor provides an added safety feature in the event of a power failure. Anyone can easily operate the crank handle as the reduction ratio allows for quick and easy operation. With the new rapid limit switch, all that is required to set the length of travel is a simple touch adjustment.

Features

- Compact Design: Requires minimum installation space (1 inch – 24 millimeter).
- Ease of Operation: Minimum effort required for crank operation.
- Tested Reliability: Meets UL and CSA standards.

ITEM #	DESCRIPTION	STYLE #	SIZE	CABLE CORD LENGTH
273942	CMO Motor Override Shaft with Eye	9077287	100 mm	
274032	RTS CMO Motor Cable with NEMA Plug	9012148		12 ft.
274122	RTS CMO Motor Cable with NEMA Plug	9012149		24 ft.
274126	CMO Motor Override Kit (Metric)	9012349		
274131	CMO Motor Override Shaft	9685114	60 mm	
274306	RTS CMO Motor Cable with NEMA Plug	9012150		18 ft.
274346	Simu RTS CMO Motor DMIGHZ 60Nm w/18' NEMA Cable			
274740	RTS CMO Motor 525A2 with NEMA Plug			12 ft.

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SOMFY® MOTOR HARDWARE

ITEM #	DESCRIPTION	STYLE #	CABLE CORD LENGTH
270531	Crown for LT50 DS78	9707027	
270547	Crown for LT60 DS78/D	9707639	
273968	Universal Bracket with Spring Ring (Metric)	9910001	
273971	Drive Mod DS78	9012241	

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SIMU® SOLAR AUTOSUN™ SOLAR POWER OPERATOR

The AutoSun Motor System from Simu uses the power of the sun to effortlessly retract Solair window awnings, roller shutters, screens, awning front valances and RV awnings.

By tapping the power of the sun, the AutoSun system uses only clean, renewable and free energy. First, the system collects solar energy through its solar panel. Then, the energy is transmitted from the solar panel to a battery. The DC motor is then powered by the battery and is controlled by an integrated SIMU-Hz radio control and electronic limits.

Using advanced technology, this solar powered system also detects frost and obstacles for worry free operation when mounted in rolling shutters. AutoSun is also quick and easy to install. It requires no power supply cables, no holes to be drilled and no electrician is necessary.

Operation is simple. The battery features an easy access button to reset the motor. And thanks to built in radio technology, the end limit distance settings can be personalized with four different possibilities using the remote.

ITEM #	DESCRIPTION	COLOR	STYLE #	CABLE CORD LENGTH
274518	SIMU AutoSun Solar Panel		9014736	
274557	AutoSun Battery		9014734	
274558	AutoSun Motor System		2006996	
276651	AutoSun 10Nm Motor System		2007000	

SIMU® is a registered trademark of SIMU France.



SOMFY® EOLIS WIND SENSOR KIT

The Eolis Wind Sensor includes an integrated radio receiver. Wind speed is continuously monitored, triggering the control to retract awnings automatically as needed. The Eolis can operate the controls individually or in groups using Telis Transmitters.

ITEM #	DESCRIPTION	COLOR	STYLE #
274275	RTS Wind Sensor Kit 24V DC		9012499
274395	3D WireFree RTS Wind Sensor	White	1816081
274400	3D WireFree RTS Wind Sensor	Off-White	1816083
274401	3D WireFree RTS Wind Sensor	Black	9013847

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SOMFY® SOLIRIS SENSOR

This radio remote-controlled receiver provides dependable and automatic protection based on sun and wind levels. The Soliris Sensor automatically retracts a motorized awning when it senses high winds and opens in intense sunlight. The Soliris Sensor provides electronic ease and complete climate control, for the ultimate in awning protection and convenience.

ITEM #	DESCRIPTION	STYLE #
274277	RTS Wind/Sun Sensor Kit	9012500

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SUNIS WIREFREE™ RTS

The Sunis WireFree™ RTS sensor is a wireless sun sensor that is powered with an integrated solar cell and uses RTS to automatically extend an awning based on the sun's intensity. With its compact design and the absence of wiring, customers will benefit from quick installations and easy programming.

The Sunis WireFree RTS sensor is compatible with all Somfy RTS motors. The Sunis WireFree can be used with the Eolis WireFree RTS or the existing Eolis and Soliris sensors to maximize protection against sun and wind.

ITEM #	DESCRIPTION	STYLE #
274399	WireFree RTS Sun Sensor	9013075

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SOMFY® UNIVERSAL RTS RECEIVER

The Somfy Universal RTS Receiver provides RTS capability to Somfy's standard (non-RTS) motors. It can be used as a stand-alone radio control, or with Somfy's RTS sensor for sun and wind control. One user-defined intermediate stop-position can be programmed. This 110V control is packaged in a weatherproof enclosure and includes watertight strain-relief fittings for wires entering the box.

ITEM #	DESCRIPTION	STYLE #
274510	Universal RTS Receiver	1810627

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DECOFLEX WIREFREE™ RTS

The DecoFlex WireFree RTS battery powered wall switch features Radio Technology Somfy (RTS) and may be personalized for intuitive control of window coverings such as shades, blinds, draperies, rolling shutters and awnings. It is available fully assembled in one and five channel button versions or may be easily converted to a two, three or four channel button switch. Choose from three colors – white, ivory or black – to match any decor. The switch is designed to complement the full range of Somfy RTS handheld transmitters, timers and interfaces.

Installation is quick and simple, with no wiring required. Included with each switch is an extended life lithium battery eliminating the need for an electrician. The DecoFlex WireFree RTS may be installed independently or next to an existing light switch using the included wall mounting bracket and the appropriate wall plate.

Item #	Description	Color	Style #
274990	2-Channel Face Plate	White	61114024
274991	2-Channel Face Plate	Ivory	61114025
274993	3-Channel Face Plate	White	61114033
274994	3-Channel Face Plate	Ivory	61114034
274996	4-Channel Face Plate	White	61114043
274997	4-Channel Face Plate	Ivory	61114044
275104	1-Channel WireFree RTS	White	1810897
275105	1-Channel WireFree RTS	Ivory	1810898
275106	5-Channel WireFree RTS	White	1810813
275107	5-Channel WireFree RTS	Ivory	1810814

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SOMFY® INFRARED HEATER

The Somfy Infrared Heater with RTS receiver is a 1500 watt heater that enables your customers to spend more time enjoying their awning and outdoor living space. Equipped with Somfy’s exclusive RTS technology, users can control the heater with the same remote they use to control their awning. This weatherproof infrared heater is environmentally friendly and energy efficient by providing instant heat to warm people, not the air, and has a lower running cost than gas heaters. Provides heat up to 1300 square feet (13 feet x 10 feet) or approximately an area equivalent to a table with five chairs.

ITEM #	DESCRIPTION	COLOR	STYLE #
273902	RTS 1500-Watt Infrared Heater	White	1824018
273903	RTS Heater Mounting Bracket		9015148

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SHADE INSPIRATION COLLECTION™

The Shade Inspiration Collection line of decorative interior window shades includes a variety of fabrics that allow you to offer the ideal shading solution to suit any customers' specific needs.

These designer shade choices for consumer or commercial applications not only range from bright and airy to blackout, but are also eco-friendly and flame retardant, allowing you to offer an ideal solution for the dramatic atmospheres your customers want with the high style they demand. Available on manually operated or motorized shade systems for indoor or "outdoor room" applications, the collection offers shading solutions that satisfy the needs and desires of consumers. All fabrics are available on clutch roller systems or motorized hardware systems. Additional options include cassettes, fascias or outdoor room systems.

Each of the fabric groupings in the Shade Inspiration Collection provide countless options, giving you even more ways to grow your business. Many of the fabric choices are ideal for indoor and outdoor applications in both residential and commercial use.

Blackout Collection

Made of 100% polyester (PVC-free) with an acrylic foamed backing, SheerWeave 7000 fabrics are specifically designed to provide total light blockage, making them perfect for a wide range of applications such as bedrooms, home theaters or corporate presentation rooms. The fabric meets California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S 109-03 (large and small scale), ASTM E 84 (Class 1), and CAN/CGSB2-4.162-M80 flame retardant standards and is GREENGUARD® and GREENGUARD® Gold certified.

- SheerWeave 7000 – 94 inch, in White, Birch, Sand, Graphite and Onyx.

Warranty 5-year warranty for properly installed residential installations. Warranty is good from day of purchase.

Filtered Light Decorative Shade Collection

This grouping features dependable SheerWeave® fabrics, available in a full range of colors, textures and opacities. SheerWeave fabrics meet a multitude of flame retardant standards (varies by product line) and are GREENGUARD® and GREENGUARD® Gold certified.

Popular throughout the window shading industry, these fabrics offer the flexibility of indoor or outdoor settings, as well as residential and commercial use, creating endless opportunities to help you grow your business.

- SheerWeave 2000 – 126 inch, 5% openness, in White, White/Bone, Bone, Bone/Platinum, White/Platinum and Bronze.
- SheerWeave 2000 – 96 inch, 5% openness, in Charcoal.
- SheerWeave 2500 – 98 inch, 1% openness, in Oyster, Oyster/Beige, Oyster/Pearl Grey, Charcoal/Chestnut and Charcoal.
- SheerWeave 3000 – 96 inch, 14% openness, in Pearl White, Custard Cream, Mushroom Sand, Pale Grey, Ninja Grey and Chocolate.
- SheerWeave 4100 – 98 inch, 10% openness, in Chalk, Alabaster, Pebblestone, Pewte and Tobacco.
- SheerWeave 4400 – 126 inch, 3% openness, in Alabaster and Pebblestone.
- SheerWeave 5000 – 98 inch, 5% openness, in Bark/Tiger Oak.



Enchante Transitional Collection

Your customers can create an open and closed effect when the 100% polyester fabric panels pass by each other with opposing sheer and semi-opaque sections. In the closed position, Enchante diffuses incoming light, casting the room with a warm glow. When the Enchante panels overlap, light is filtered into the room through the sheer fabric sections.

Enchante fabrics are available in five patterns in a variety of colors. Serene and Whisper patterns are 90 inches wide and the Essence pattern is 102 inches wide.

- **Serene** – available in Caramel, Chocolate, Black, Ice White
- **Essence** – available in Chocolate, Chestnut, Nile, Pecan, Marble, Rice
- **Whisper** – available in Smoke, White

SHADE INSPIRATION COLLECTION™ SALES MATERIALS

ITEM #	DESCRIPTION	STYLE #
224425	Transitional Hand Sample	140-4035-00
224426	Light Filtering Hand Sample	140-2235-00

Shade Inspiration Collection™ is a trademark of Glen Raven, Inc.

For ordering assistance, contact Trivantage customer service at 800.786.1876 or visit the online Solair Shade Solutions Extranet for order forms and pricing.

ROLLEASE® ROLLER SHADE SYSTEM

Patented, manually operated clutch mechanism. Easy to fabricate and install. Clutch automatically locks, holding shade securely in place.

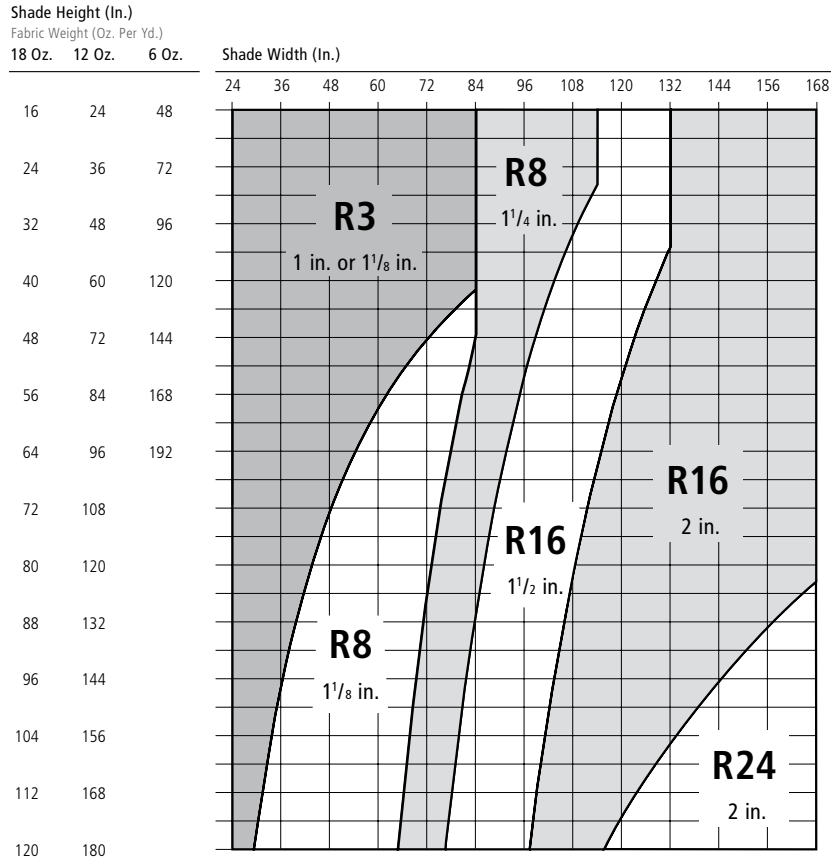
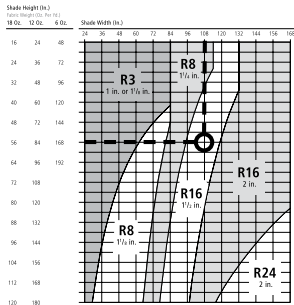
Adjacent shades are easily set to matching levels. Shades stay clean, you never have to touch the fabric.

ITEM #	DESCRIPTION	COLOR	DIAMETER	LENGTH	MATERIAL	SIZE
224486	End Plug		1-1/2 in.			
224503	Roller Tube Taped				Aluminum	1-1/4 in. x 12 ft.
224504	Roller Tube Taped				Aluminum	1-1/2 in. x 12 ft.
224505	Mounting Bracket for R-3, R-8 Clutch 1-1/2 in.				Nickel	
224506	Mounting Bracket for R-16 Clutch 1-1/2 in.				Nickel	
224507	Mounting Bracket Cover for R-8 Clutch	White				
224509	Mounting Bracket for R-3, R-8 Clutch 2 in.				Nickel	
224510	End Plug	Vanilla	1-1/4 in.			
224511	End Plug	Vanilla	1-1/2 in.			
224512	End Plug	Black	1-1/2 in.			
224514	Clutch R-16	Black	1-1/2 in.			
224515	Clutch R-8	Vanilla	1-1/4 in.			
224516	Clutch R-16	Vanilla	1-1/2 in.			
224517	Clutch R-24	Vanilla	1-1/2 in.			
224518	Clutch R-8	Black	1-1/2 in.			
224519	Clutch R-C14	Vanilla	1-1/2 in.			
224520	Metal Chain with Safety Warning Tags			500 ft.		
224521	Chain Stop Balls					5/16 in.
224524	Mounting Bracket for R-16, R-24 Clutch 2 in.				Nickel	
224525	Metal Chain with Safety Warning Tag			4 ft.		
224526	Metal Chain with Safety Warning Tag			5 ft.		
224527	Metal Chain with Safety Warning Tag			6 ft.		
224530	Plastic Chain with Safety Warning Tags	White		100 ft.		
224531	Plastic Chain with Safety Warning Tags	Black		100 ft.		
224532	Plastic Chain with Safety Warning Tags	Vanilla		100 ft.		
224533	Plastic Chain with Safety Warning Tags	Brown		820 ft.		
224535	Plastic Chain with Safety Warning Tags	White		820 ft.		
224536	Plastic Chain with Safety Warning Tags	Black		820 ft.		
224537	Plastic Chain with Safety Warning Tags	Vanilla		820 ft.		
224539	Plastic Chain Connector	Clear				
224540	Plastic Chain Connector	White				
224541	Plastic Chain Connector	Black				
224542	Plastic Chain Connector	Vanilla				
224544	Metal Chain Connector					
224547	Exterior Clutch R-24	Black	1-1/2 in.			
224550	Fascia	Bronze				3 in. x 12 ft.
224551	Fascia	Vanilla				3 in. x 12 ft.
224552	Fascia	White				3 in. x 12 ft.
224553	Fascia	Anodized Aluminum				3 in. x 12 ft.
224554	Fascia	Black				3 in. x 12 ft.
224555	Clutch R-8	Black	1-1/4 in.			
224556	End Plug	Black	1-1/4 in.			
224560	Fascia Bracket for R-8 Clutch	Bronze				3 in.
224561	Fascia Bracket for R-8 Clutch	Vanilla				3 in.
224562	Fascia Bracket for R-8 Clutch	White				3 in.
224564	Fascia Bracket for R-24 Clutch	Vanilla				4 in.
224565	Fascia	Black				4 in. x 12 ft.
224566	Fascia	Anodized Aluminum				4 in. x 12 ft.
224567	Fascia	White				4 in. x 12 ft.
224568	Fascia	Bronze				4 in. x 12 ft.
224569	Fascia	Vanilla				4 in. x 12 ft.
224570	Fascia Bracket for R-16 Clutch	Bronze				3 in.
224571	Fascia Bracket for R-16 Clutch	Vanilla				3 in.
224572	Fascia Bracket for R-16 Clutch	White				3 in.
224574	Fascia Bracket for R-16 Clutch	Black				3 in.
224576	Fascia Bracket for R-24 Clutch	White				4 in.
224577	Fascia Bracket for R-24 Clutch	Bronze				4 in.
224580	External Hem Bar Strip			300 ft.		
224581	Hem Bar End Cap with Screw	White				
224582	Hem Bar End Cap with Screw	Black				
224584	Exterior Hem Bar	Vanilla		12 ft.		
224585	Exterior Hem Bar	White		12 ft.		

ITEM #	DESCRIPTION	COLOR	DIAMETER	LENGTH	MATERIAL	SIZE
224586	Exterior Hem Bar	Dark Bronze		12 ft.		
224587	Exterior Hem Bar	Anodized Aluminum		12 ft.		
224588	Hem Bar End Cap with Screw	Vanilla				
224589	Exterior Hem Bar	Black		12 ft.		
224591	Clutch/End Plug Conversion Adapter	Black				1-1/2 in. to 2 in.
224592	Clutch/End Plug Conversion Adapter	Vanilla				1-1/2 in. to 2 in.
224598	Clutch R-16	White	1.5 in.			
224620	Exterior Clutch R-8	Vanilla	1.5 in.			
224627	Roller Tube Taped				Aluminum	2 in. x 12 ft.
224628	Roller Tube Taped				Aluminum	2 in. x 16 ft.
224634	Plastic Chain	Vanilla		820 ft.		
224648	Interior Clutch R-24	Black	1.5 in.			
224649	SafetyHold3	Clear				
224680	Internal Hem Bar			14 ft.		

RollEase® is a registered trademark of RollEase, Inc.

RollEase Roller Shade – Selecting Clutch and Tube Sizes

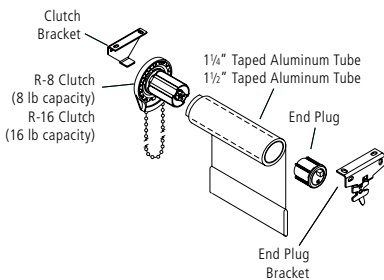


1. IN THE LEFT HALF OF THE CHART, find the column appropriate for the shade's fabric. Read down that column until you reach the approximate height of the shade.

2. FOLLOW STRAIGHT ACROSS to the right half of the chart, as far as the vertical line that represents the shade's width.

3. THE CLUTCH AND TUBE SIZES SHOWN ARE THE MINIMUM you may use for that shade. You may, of course, use a heavier clutch or a larger tube. But using a lighter clutch might lead to clutch failure. Using a smaller tube might lead to bowing of the tube.

Example: What is the smallest clutch-and-tube combination for a 12 oz. shade that is 100 in. wide and 84 in. tall? The arrows (in the small chart below) that start from height = 84 in. and width = 100 in. show this to be an R16 clutch in 1 1/2 in. tube



SOMFY® MOTORS AND ACCESSORIES FOR INTERIOR SHADES – LT30 MOTOR



No. 274344



No. 274542

Motorization for 1-1/4 inch and 1-1/2 inch RollEase Roller Tube using Somfy LT30 Motor. Deductions for motorized operation are 1-1/8 inches.

ITEM #	STYLE #	DESCRIPTION	CABLE CORD LENGTH	DIAMETER	LENGTH	MATERIAL
270597	1781148	Roller Tube		2 in.	20 ft.	Aluminum
274344	9013488	1-1/2 in. Crown and Drive Set				
274542	9014020	Reloadable Battery Wand 12v				
274546	1810647	Telis Soliris RTS Patio Transmitter				
274549	9013263	Battery Wand Wall Mounting Clips				
274799	1822192	Transformer Plug-In 12v DC with 25 ft. Cable				
275063	1030065	Sonesse RTS Motor 504S2 with Hardwire Cable				
275064	1030066	Sonesse RH RTS Motor 504S2				
276665	1001683	RTS Motor LT30-12V U80				
276672	9015575	Solar Pack WireFree Kit				
276673	9015781	Solar Pack WireFree Charger Kit				
276674	9015897	Solar Pack Mounting Bracket				
276675	9016374	Y-Harness Extension Cable	2 ft.			
276676	9015624	Solar Pack WireFree Replacement Battery and Tube				

RollEase® is a registered trademark of RollEase, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.

SOMFY® MOTORS AND ACCESSORIES FOR INTERIOR SHADES – ST30 MOTOR



No. 276604

Motorization for 1-1/2 inch RollEase Roller Tube using Somfy ST30 Sonesse Motor. Deductions for motorized operation are 1-1/8 inches.

ITEM #	STYLE #	DESCRIPTION
276604	1822209	Transformer 24v 1.25A DC Wall Mount Plug-In with 10 ft. Cable
276619	9013775	Crown and Drive Set 1-1/2 in.

RollEase® is a registered trademark of RollEase, Inc. Somfy® is a registered trademark of Somfy Systems, Inc.

SOMFY® HOME AUTOMATION

ITEM #	STYLE #	DESCRIPTION
275032	1810872	Universal RTS Interface II 16-Channel
275033	1810791	RTS Repeater and Range Expander 120VAC 60Hz

Somfy® is a registered trademark of Somfy Systems, Inc.

For ordering assistance, contact Trivantage customer service at 800.786.1876 or visit the online Solair Shade Solutions Extranet for order forms and pricing.





SECTION 3 CLEAN, PROTECT, ADHERE

ADHESIVES	160-162
CLEANERS	162-168
PROTECTANTS	168-169



No. 212502

HH-66 VINYL CEMENT

Easily and quickly applied, this cement provides a fast drying and exceptionally strong bond to all types of vinyl coated fabrics, plastics, metals, glass, wood and leather. It can also be used for sealing or waterproofing seams.

ITEM #	FABRIC	PUT UP	STANDARD PACKAGE
212498	Vinyl Coated	5 gal. can	1/can
212500	Vinyl Coated	8 oz. brushtop can	12/case
212502	Vinyl Coated	1 qt. brushtop can	12/case
212503	Vinyl Coated	1 gal. can	6/case
212504	Vinyl Coated	1 pt. brushtop can	12/case
212505	Vinyl Coated	4 oz. brushtop can	12/case

HH-66 VINYL CEMENT THINNER

ITEM #	FABRIC	PUT UP
214326	Vinyl Coated	1 pt. can



No. 230099

CLEARCO 444

Excellent foam to foam, foam to fabric adhesive. Clearco 444 Spray Adhesive provides a clear web pattern ideal for porous and rough surfaces. Example: use when you need adhesive spray for upholstery, polyurethane foam, foam mattress, marine upholstery, urethane foam, polystyrene foam, fiberglass, polyurethane carpet, extruded polystyrene, polypropylene, water-white adhesive spray, lace spray pattern adhesive, low soak-in adhesive spray, asbestos abatement adhesive spray. Clearco 444 meets California VOC compliance.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
230099	444	12 oz. aerosol can	12/case



No. 212402

HAR ADHESIVE – 628 FOR BONDING NEOPRENE COATED FABRICS

A fast-drying, solvent based contact bond adhesive possessing unusually high strength and outstanding high and low temperature resistance in addition to excellent water, oil, grease, chemical and weather resistance. While primarily designed for bonding Neoprene and Hypalon-coated fabrics, acrylic and canvas, this versatile adhesive may be used for bonding a wide variety of synthetic fabrics, rubber stocks, leather, rigid plastics, metals, wood, hardboard and many other porous and non-porous materials. Adhesive 628 applies easily with a brush, roller, trowel, or spray gun. One gallon covers approximately 250 to 300 square feet of surface area. Adhesive can be thinned with MEK or Acetone.

ITEM #	PUT UP	STANDARD PACKAGE
212402	1 pt. brushtop can	24/case

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

HAR ADHESIVE – 728 FOR BONDING VINYL TO VINYL

A medium, fast-drying solvent-based synthetic resin adhesive designed primarily for bonding supported or unsupported vinyl fabric to itself or to various porous and non-porous materials. This cement is not recommended for laminates. (Adhesive 730 should be used for vinyl laminated fabrics.) Adhesive 728 may also be used for bonding polyurethane, canvas, synthetic fabrics, leather, metals, wood, glass, rigid plastics and some foams. Adhesive 728 applies easily with a brush, roller or spray gun. Adhesive 728 can be used on tarpaulins, awnings, tents, covers, drop cloths, liners, tops, textile bags and in truck and boat repair kits. One gallon covers approximately 250 to 300 square feet of surface area. Adhesive can be thinned with MEK or Acetone.

ITEM #	PUT UP	STANDARD PACKAGE
212411	4 oz. brushtop can	24/case
212412	1 pt. brushtop can	24/case
212414	1 qt. can	6/case

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

HAR ADHESIVE – 730 FOR BONDING VINYL-LAMINATED FABRICS

A fast-drying, solvent-based synthetic resin adhesive primarily designed for bonding laminated vinyl fabrics. Adhesive 730 may also be used for bonding vinyl-coated fabrics, polyurethane coated fabrics, many synthetic fabrics, canvas, leather, wood, metals, glass and various other products. Adhesive 730 under normal conditions of use will not blister or delaminate laminated vinyl fabrics. Adhesive 730 dried films are tough, flexible, clear, colorless, glossy and non-tacky. Adhesive 730 films are resistant to water, fuels, oils, greases, plasticizers, chemicals and weathering. Adhesive 730 applies easily using a brush, roller or spray gun. The shelf life of Adhesive 730 exceeds one year under normal storage conditions.

Adhesive 730 can be used in the manufacture and repair of tarpaulins, covers, awnings, tents, tops, dropcloths, liners, textile bags, and in boat, truck and pool repair kits. Adhesive can be thinned with MEK or Acetone.

ITEM #	PUT UP	STANDARD PACKAGE
212420	4 oz. brushtop can	24/case
212421	1 pt. brushtop can	24/case

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

HAR ADHESIVE – 740 FOR COTTON DUCKS

A quick-drying (1 hour) adhesive for bonding and repairing various cotton ducks. Apply to one surface only, using paddle or knife. Patch is flexible after drying; some absorption by fabric.

ITEM #	PUT UP	STANDARD PACKAGE
212430	4 oz. brushtop can	24/case
212431	1 pt. brushtop can	24/case

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

HAR ADHESIVE – 729 VINYL SEAM SEALER

A fast-drying solvent-based synthetic resin adhesive primarily designed for sealing stitched seams on vinyl-coated and laminated fabrics, and many other fabrics. Dried films of Adhesive 729 will show no tackiness up to temperatures over 140° F and will retain flexibility at very low temperatures. Adhesive 729 can be easily applied using a brush, roller or spray gun. One gallon covers approximately 250 to 300 sq. ft. of surface area. Adhesive can be thinned with MEK or Acetone.

ITEM #	PUT UP	STANDARD PACKAGE
265801	4 oz. brushtop can	24/case
265804	1 qt. can	6/case

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.



No. 214334

VLP® VINYL LIQUID PATCH

An excellent adhesive for repairing pinholes, rips, tears, cuts, etc., on all types of vinyl. Available in 1 ounce tubes.

ITEM #	PUT UP	STANDARD PACKAGE
214334	1 oz. tube	1

VLP® is a registered trademark of Plasti Dip International.



No. 214362

IOSSO® SEAM SEALER

IOSSO Seam Sealer prevents most seams from leaking. Best for use on cotton, cotton blends, polyester and synthetic woven fabrics. Water repellency will vary with vinyl coated and vinyl laminated fabrics due to seam construction. It will not change the look or feel of the fabric. Ideal for boat covers, awnings, tents and backpacks.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214200	10920	4 oz.	12/case
214362	10921	1 gal.	1

IOSSO® is a registered trademark of IOSSO Products, Inc.



No. 212006

TEAR MENDER™

Mends instantly. Waterproof. Mends and repairs canvas, tarps, awnings, acrylic material, leather goods, work clothing, and any other material it can penetrate. UV resistant. Contains no harsh or harmful chemicals. Manufactured for a 2-year shelf life.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
212005	TM-1	2 oz.	12
212006	TG-6H	6 oz.	12
212007	TG-16	16 oz.	12
212011	TG-128	1 gal.	1
212012	TG-640	5 gal.	1

Tear Mender can be shipped via regular UPS – no hazardous handling fee required. Not shipped when temperatures are below freezing (32° F).



No. 212041

TEAR-AID® PATCH RETAIL KITS

Made from an exceptionally tough, matte finish, abrasion resistant, polyurethane elastomer that resists puncture and tearing. It is combined with an aggressive adhesive formulated for high bond strength to a variety of surfaces. Holds air, holds water, won't pull off when stretched, see-thru patch, UV resistant, conforms to irregular surfaces, cuts easily with scissors, and won't turn gummy in high heat.

Type A Repairs: Canvas, most fabrics, rubber, neoprene, most plastics, nylon, fiberglass, stainless steel, aluminum, polyethylene, polypropylene, polyurethane, non-oiled leather, Sunbrella®.

Type B Repairs: Vinyl and vinyl-coated materials. Has a new, unique adhesive that resists the oils in vinyl that cause other adhesives to fail. Retail kits include display.

ITEM #	STANDARD PACKAGE	TYPE
212040	20/pack w/display	Variety
212041	20/pack w/display	Fabric Type A
212042	20/pack w/display	Vinyl Type B
212043	1/box	Fabric Type A
212044	1/box	Vinyl Type B

Tear-Aid® is a registered trademark of TEARepair Inc. Sunbrella® is a registered trademark of Glen Raven, Inc.



No. 212020

TEAR-AID® ROLL PATCHES

Repairing torn canvas, nylon, rubber, plastic or vinyl has never been easier with Tear-Aid Roll Patches. Clear, elastic Tear-Aid Roll Patches contain a high performance adhesive preapplied to a rugged backing that allows a tear to recover under pressure. No messy liquid adhesives are needed. All you do is peel and stick.

Tear-Aid Roll Patches are available in two styles – Type A and Type B. Type A is designed for the repair of canvas, nylon, rubber and plastic. Type A should not be used on vinyl or vinyl coated products, as the inherent oils in vinyl will cause the adhesive in Type A to fail prematurely. Type B has been designed specifically for the repair of vinyl or vinyl coated items only, as it contains special adhesives to resist the oils in vinyl that would otherwise cause premature failure.

Tear-Aid Roll Patches also have excellent durability against puncture, moisture, saltwater, sunlight and temperature. Convenient 30 foot rolls, in versatile widths of 3 inch or 6 inch, allow patches to be custom-cut and overlapped for unlimited size and unlimited repair applications, from boat tops, covers and seats, to canvas and vinyl tents and tarpaulins, to awnings, banners and umbrellas.

ITEM #	SIZE	STANDARD PACKAGE	TYPE
212020	3 in. x 30 ft.	1	Fabric Type A
212021	3 in. x 30 ft.	1	Vinyl Type B
212022	6 in. x 30 ft.	1	Fabric Type A
212023	6 in. x 30 ft.	1	Vinyl Type B

Tear-Aid® is a registered trademark of TEARRepair Inc.



No. 214309

210® PLASTIC CLEANER AND POLISH

Removes marks such as crayons, magic markers and paint over-spray. Cleaning is quick and easy, as 210 doesn't leave streaks or swirl marks. It provides an anti-static/anti-fog coating and seals pores in plastic for a protective coating that makes future cleaning easier. Gives plastic a clear, lustrous look and has a pleasant aroma. Use on a wide variety of surfaces including plastic, acrylic, formica, fiberglass, polycarbonate, PVC, polyester, vinyl and many others.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214309	Cleaner/Polish	14 oz. spray can	1

210® is a registered trademark of Camco Manufacturing.



No. 214310

210® PLUS PLASTIC SCRATCH REMOVER

An extremely mild abrasive compound in an anti-static/anti-fog formula. Ideal for the removal of surface scratches and blemishes and for heavy-duty cleaning of all plastic materials. 210 Plus is water soluble and easy to use with superb results.

ITEM #	PUT UP	STANDARD PACKAGE
214310	15 oz. bottle	1

210® is a registered trademark of Camco Manufacturing.



No. 214091

303® AEROSPACE PROTECTANT™

303 is the leader in UV screening technology. Regular use gives 100% prevention of UV-caused slow-fade. No other "protectant" beautifies as intensely, protects as powerfully or lasts as long. Treated surfaces repel dirt, soiling, staining, water spots, salt water and mildew. Its water repellency and unparalleled protective characteristics have manufacturers worldwide recommending it. Keeps UV-sensitive materials "like new" year after year. Use on rubber, vinyl, inflatable boats, plastics/acrylics/polycarbonates, finished leather, gelcoat fiberglass, carbon-fiber/resin composites, pool and patio plastic furniture, pool inflatables, Sailcloth: Dacron® and monofilm. Applying is a breeze... spray on/wipe dry!

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214083	30307-12	10 oz. pump sprayer	24
214091	30340	16 oz. trigger sprayer	12
214092	30313	1 qt. refill	6
214093	30320	1 gal. refill	4

303® is a registered trademark of Gold Eagle, Inc. 303 Aerospace Protectant™ is a trademark of Gold Eagle, Inc. Dacron® is a registered trademark of Invista.



303® CLEANER AND SPOT REMOVER™

For carpeting, upholstery, outdoor fabric or any water-safe material. Safely removes even the most difficult stains; soils, oil, grease, ink, berry juice, wine and blood. Spray on, wipe or rinse clean. Leaves no residue. Excellent for machine extractors. No foam, no fumes, no odor.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214084	30209	32 oz. trigger sprayer	6

303® is a registered trademark of Gold Eagle, Inc. 303 Cleaner And Spot Remover™ is a trademark of Gold Eagle, Inc.



303® MULTI-SURFACE CLEANER™

For marine canvas, fabric convertible tops, awnings, indoor and outdoor furniture, carpet and upholstery. Industrial strength concentrate. For spot cleaning, use full strength or diluted. Safely removes even the most difficult stains. Perfect to pre-clean canvas prior to re-treating with 303 High Tech Fabric Guard. Rinses residue free. No foam, no fumes, no odor.

303 High Tech Fabric Guard and 303 Fabric Cleaner are recommended by/for Sunbrella®/Glen Raven, Inc.

303 Products should not be used on Strataglass™ and Crystal Clear 20/20 Clear Vinyl.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214079	30208	1 gal.	8
214080	30207	32 oz. trigger sprayer	6
214085	30501	2 oz. pump sprayer	25

303® is a registered trademark of Gold Eagle, Inc. 303 Fabric Cleaner™ is a trademark of Gold Eagle, Inc. Sunbrella® is a registered trademark of Glen Raven, Inc. Strataglass™ is a trademark of Strataglass, LLC.



303® FABRIC GUARD™

303 Fabric Guard: The only re-treatment product endorsed by Glen Raven, Inc. for its Sunbrella® awning, marine and casual furniture fabric.

Powerful enough to protect fabrics in the harshest environment... the outdoors. Yet 303 Fabric Guard is safe for the finest fabrics, wool, silk and fine leathers – including suede. On outdoor fabrics, 303 HTFG restores lost water repellency and stain repellency to factory new levels. 303 HTFG stops leaks, protects against soiling and both water and oil based stains, impedes mildew formation and helps protect against the sun’s harmful UV rays.

Proper maintenance with 303 Products will add to the life of your fabrics, save you money, and... It’s Easy – Spray on, let dry!

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214086	30601	2 oz. bottle	16
214096	30607	1 gal. refill	4
214097	30680	5 gal. refill	1
214098	30605	16 oz. trigger sprayer	6
214345	30606	32 oz. trigger sprayer	6

303® is a registered trademark of Gold Eagle, Inc. 303 High Tech Fabric Guard™ is a trademark of Gold Eagle, Inc. Sunbrella® is a registered trademark of Glen Raven, Inc.



303® PATIO FURNITURE CARE KIT

Now get everything you need to clean, restore and protect your valuable outdoor patio furniture in one kit. 303 has assembled this sampler kit for people who are serious about protecting their investments. Each kit contains one each of 303 Patio Furniture Cleaner, 303 Patio Furniture Protectant, 303 Fabric Cleaner and 303 High Tech Fabric Guard. All in 2 ounce. sizes.

No. 214074

ITEM #	STYLE #	STANDARD PACKAGE
214074	30420	24

303® is a registered trademark of Gold Eagle, Inc.

AQUA-TITE® II GREEN SPG

Aqua-Tite Green post treatment water repellent, has been reformulated and now uses silicone as the active ingredient, while still adhering to all known VOC (volatile organic compound) standards.

By using silicone, which is one of the most effective water repellent substances available, Aqua-Tite Green SPG now provides a finished product that is easy to apply, environmentally friendly and has the same performance characteristics of the original Aqua-Tite product.

Not recommended for use on Sunbrella® fabrics.

ITEM #	PUT UP	STANDARD PACKAGE
214308	1 qt.	12
214312	1 gal.	6

Aqua-Tite® is a registered trademark of Marlen Textiles. Sunbrella® is a registered trademark of Glen Raven, Inc.

TRIVANTAGE® ECONOMY FABRIC PROTECTOR

Economy Fabric Protector is a water-based, economical product that is applied to woven fabrics to restore water repellency. For the Concentrate, dilute one part Fabric Protector to four parts water.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214108	Economy Fabric Protector Sealant Concentrate	1 gal.	4
214111	Economy Fabric Protector (Ready-to-Use)	1 gal.	4
214118	Economy Fabric Protector (Ready-to-Use)	32 oz.	12

IFC'S Warning for Trivantage Fabric Cleaners and Protectors IFC has and will continue to be in full compliance with all local, state, federal and international shipping and labeling regulations. Although we mention the following products specifically, all products are packaged and labeled within the appropriate Government compliances. Economy Fabric Protector Concentrate is packaged, labeled and shipped in accordance per CFR49 part 172.101. Economy Fabric Protector Concentrate is a flammable liquid and for this reason should be stored and handled appropriately. Economy Fabric Protector Ready to Use, is a diluted version of Economy Fabric Protector Concentrate. As packaged, Economy Fabric Protector Ready to Use is exempt from CFR49 labeling. This product continues to be a flammable liquid and should be stored and used with these precautions in mind. Premium Fabric Protector is packaged and re-classified as a combustible liquid as per CFR49 part 173.150. Therefore, it requires no extraneous hazardous material labeling or shipping papers.

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 214104

TRIVANTAGE® FAB KLEAN

Fab Klean is a concentrated granular cleaner specifically for woven fabrics like Sunbrella®. Dilute two to four ounces to one gallon of water.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214104	Fab Klean Woven Fabric Cleaner	10 lbs.	1

Trivantage® and Sunbrella® are registered trademarks of Glen Raven, Inc.



No. 214101

TRIVANTAGE® PREWASH

Prewash is a concentrated solution engineered to penetrate and loosen soil before the actual cleaning process. Dilute eight to sixteen ounces to one gallon of water.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214101	Prewash All Fabric Concentrate	1 gal.	4

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 214103

TRIVANTAGE® VINYL KLEAN PLUS

Vinyl Klean Plus is a concentrated vinyl cleaner and deoxidizer which removes streaking, chalking and oxidation from vinyls.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214103	Vinyl Klean Plus	1 gal.	4
214113	Vinyl Klean Plus (Ready-to-Use)	32 oz. sprayer	12

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 214107

TRIVANTAGE® VINYL PROTECTOR

Vinyl Protector is a dressing that helps to restore vitality to vinyls that have been damaged by plasticizer migration.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214107	Vinyl Protector	1 gal.	4
214117	Vinyl Protector (Ready-to-Use)	16 oz. sprayer	12

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 214165

TRIVANTAGE® TENT KLEEN

Tent Kleen is a concentrated liquid cleaner specifically for use on vinyl fabrics. Dilute eight to sixteen ounces of Tent Kleen to one gallon of water.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214165	Tent Kleen Heavy Duty	5 gal.	1

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 213980

IMAR™ #301 STRATAGLASSTM PROTECTIVE CLEANER

Uniquely formulated to clean, shine and protect Strataglass and Crystal Clear 20/20 clear vinyl and its scratch-resistant protective coating. Special UV inhibitors significantly extend the useful life of Strataglass by minimizing the deteriorating effects of sunlight. This helps defeat age-induced brittleness and promotes continued flexibility. Safe to use daily and is recommended to be used often to properly maintain the clarity of Strataglass. Helps rejuvenate the protective properties of IMAR Strataglass Protective Polish #302, which should be used on a less frequent but regular schedule.

Strataglass, Inc., manufacturers of Strataglass and Crystal Clear 20/20, endorse IMAR.

Strataglass Protective Cleaner and IMAR Strataglass Protective Polish for maximum benefit and recommend its regular use on Strataglass and Crystal Clear 20/20. Use of any cleaner or polish product other than IMAR Strataglass Protective Cleaner and Polish voids the factory warranty.

ITEM #	PUT UP	STANDARD PACKAGE
213980	4 oz. spray bottle	24/case
213981	16 oz. spray bottle	12/case
213983	1 gal. bottle	4/case

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.



No. 213985

IMAR™ #302 STRATAGLASSTM PROTECTIVE POLISH

A polymer-based product formulated to safely clean, polish and protect Strataglass and Crystal Clear 20/20 clear vinyl and its scratch-resistant protective coating. Designed with a unique molecular bonding that creates a nearly invincible protective barrier against the damaging effects of marine environment pollutants. Recommended for use every 2 to 3 months and every 4 to 6 weeks in areas of high fallout. Frequent use of IMAR Strataglass Protective Cleaner #301 between polishing will increase protection by rejuvenating the protective qualities of IMAR Strataglass Protective Polish.

ITEM #	PUT UP	STANDARD PACKAGE
213984	4 oz. spray bottle	24/case
213985	16 oz. bottle	12/case
213987	1 gal. bottle	4/case

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.



No. 213988

IMAR™ #401 YACHT SOAP CONCENTRATE

Formulated with a unique blend of surfactants to create its highly polished appearance. Its non-streaking, non-spotting formulation rinses clear and decreases drying time. IMAR Yacht Soap Concentrate avoids the use of harsh alkalis, acids and abrasives, so it protects durable polishes while thoroughly cleaning. This is the perfect complement to Strataglass™ Protective Cleaner and Strataglass Protective Polish.

ITEM #	PUT UP	STANDARD PACKAGE
213988	4 oz. bottle	24/case
213989	16 oz. bottle	12/case

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.



No. 213993

IMAR™ #402 YACHT POLISH

Its unique blend of polymers cleans, polishes, shines and protects fiberglass, gel coat, metal paint and other marine environment hard surfaces. Safely removes light oxidation, marks and stains while creating a protective barrier to UV damage, soil, back scuffs, insect droppings, mildew and other stains.

ITEM #	PUT UP	STANDARD PACKAGE
213993	16 oz. bottle	12

IMAR™ is trademark of IMAR Products, LLC.



No. 213971

IMAR™ #601 STAMOID® MARINE VINYL PROTECTIVE CREAM

This polymer-based cream is specially formulated to protect Stamoid and other vinyl fabrics in marine environments. It maintains the like-new suppleness and luster of fabrics. With UV protection, static resistance and life-extending plasticizers, the proprietary formulation causes molecular bonding which creates a virtually impregnable protective barrier. Recommended usage is every 2-3 months.

ITEM #	PUT UP	STANDARD PACKAGE
213971	16 oz. bottle	12

IMAR™ is a trademark of IMAR Products, LLC. Stamoid® is a registered trademark of The Serge Ferrari Group.



No. 213972

IMAR™ #602 STAMOID® MARINE VINYL PROTECTIVE SPRAY

Formulated to clean, shine and protect Stamoid marine vinyl and similar vinyl products, this protective spray has special UV inhibitors. It will significantly extend the useful life of vinyl fabrics by minimizing the deteriorating effects of direct sunlight. UV protection, coupled with the rejuvenation effects of plasticizers, help eliminate age-induced brittleness and assure a longer product life. This IMAR protective spray enhances the protective qualities of IMAR #601 Stamoid Marine Protective Cream.

ITEM #	PUT UP	STANDARD PACKAGE
213972	16 oz. spray bottle	12

IMAR™ is a trademark of IMAR Products, LLC. Stamoid® is a registered trademark of The Serge Ferrari Group.



No. 213973

IMAR™ #603 STAMOID® MARINE VINYL CLEANER

Specially formulated to gently but thoroughly clean Stamoid and other marine vinyls. It will not harm clear vinyls such as Strataglass™, when used according to the instructions. Frequent use is recommended, particularly in areas of high environmental pollutants. Application of IMAR Stamoid Marine Vinyl Protective Cream and IMAR Stamoid Marine Vinyl Protective Spray between cleanings will assure the continued like-new appearance of vinyl products.

ITEM #	PUT UP	STANDARD PACKAGE
213973	16 oz. bottle	12

IMAR™ is a trademark of IMAR Products, LLC. Stamoid® is a registered trademark of The Serge Ferrari Group. Strataglass™ is a trademark of Strataglass, LLC.

IMAR® #604 STAMOID® MARINE VINYL CARE BUCKET

Stamoid® Marine Vinyl Care Bucket contains a 2-1/2 gallon bucket with a sponge pad and one (1) each of IMAR Stamoid Marine Vinyl Protective Cream, IMAR Stamoid Marine Vinyl Protective Spray and IMAR Stamoid Marine Vinyl Cleaner. All in 16 ounce sizes.

ITEM #	STYLE #	STANDARD PACKAGE
213974	604	1

IMAR™ is a trademark of IMAR Products, LLC. Stamoid® is a registered trademark of The Serge Ferrari Group.

IMAR® #42 DETAIL KIT

Detail Kit #42 contains one each of IMAR Strataglass™ Protective Cleaner, IMAR Strataglass Protective Polish and IMAR Yacht Soap Concentrate. All in 4 ounce sizes.

ITEM #	STYLE #	STANDARD PACKAGE
213978	42	12

IMAR™ is a trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, LLC.

IMAR® #507 CAPTAIN'S BUCKET

The Captain's Bucket contains a 2-1/2 gallon bucket with three (3) sponge pads and one (1) each of Strataglass™ Protective Cleaner, Strataglass Protective Polish, Yacht Soap Concentrate, Yacht Polish, Yacht Clean & Shine, Multi-Purpose Marine Cleaner, Vinyl and Rubber Protectant and Yacht Metals Protective Polish. All in 16 ounce sizes.

ITEM #	STYLE #	STANDARD PACKAGE
213999	507	1

IMAR™ is a trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, LLC.



No. 214191

IOSSO® MOLD AND MILDEW STAIN REMOVER

Removes mold, mildew, algae stain, tough dirt, oils, leaf stains, tree sap, bird droppings, food stains, and blood stains. Recommended for use on awnings, canopies, tents, patio furniture, cushions, umbrellas, spa covers, tarps, boat covers, camping gear, vinyl, plastic and fiberglass. It is gentle to skin and has no harmful vapors. Just add water to the biodegradable, non-chlorine powder and work the solution into the soiled area. One gallon covers up to 150 square feet. The 12 ounce jar makes three gallons of solution. The 65 ounce pail mixes up 16 gallons of solution.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214190	10900	12 oz. jar	6
214191	10905	65 oz. pail	1

IOSSO® is a registered trademark of IOSSO Products, Inc.

IOSSO® WATER REPELLENT

Effective on all fabrics. Protects from water, soils, oils, bird droppings, and environmental pollutants. It resists mildew, stains, and increases weatherability. Will not change the color, feel or breathability of the fabric. Recommended for use on awnings, canopies, tents, patio furniture cushions, umbrellas, spa covers, tarps, boat covers, bimini tops, hunting fabrics, camping gear, leather, synthetics, and vinyl. Formula is non-solvent and non-silicon. For Ready-To-Use, the 32 ounce bottle covers approximately 37 square feet and one gallon covers up to 150 square feet. For Concentrate, 32 ounces makes 2 gallons, 1 gallon makes 5 gallons and 5 gallons makes 25 gallons.

ITEM #	STYLE #	DESCRIPTION	PUT UP	STANDARD PACKAGE
214171	10916	Ready-Use	32 oz. spray bottle	1
214172	12916	Ready-Use	4 oz. sample	12
214194	10917	Ready-Use	1 gal.	1
214195	10918	Concentrate	1 gal.	1
214354	11900	Ready-Use	5 gal.	1
214358	11905	Concentrate	5 gal.	1
214378	10919	Concentrate	32 oz.	12

IOSSO® is a registered trademark of IOSSO Products, Inc.



No. 214373

IOSSO® FABRIC CLEANER & PROTECTANT KIT

Fabric Cleaner/Protectant Kit for Awnings, Boat Covers and RV/Campers.

Perfect for your showroom or shop counter display, this kit contains one jar of Mold and Mildew Stain Remover and one bottle of Water Repellent Concentrate. That's enough to clean and protect up to 450 square feet of fabric. The products are packaged together in an attractive point-of-purchase display box.

ITEM #	STYLE #	STANDARD PACKAGE
214373	10901	6

IOSSO® is a registered trademark of IOSSO Products, Inc.

IOSSO® METAL POLISH

Removes oxidation, tarnish, surface rust and water spots. Polishes to a high shine and protects for months. Recommended for all types of metals including stainless steel, aluminum, copper, brass, silver and gold. Cleans without scratching.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214186	10333	3 oz. tube	12
214187	10107	16 oz.	6

IOSSO® is a registered trademark of IOSSO Products, Inc.



No. 214314

KLEAR-TO-SEA™

A cleaner and preservative, Klear-To-Sea is formulated for plastics, clear vinyl windshields, mirrors, glass and much more. Cleaning is quick and easy with no streaks or smudging and resists fingerprints. Klear-to-Sea leaves an anti-static, anti-fog invisible film coating, with UV protection, that also protects against salt spray.

ITEM #	PUT UP	STANDARD PACKAGE
214313	19 oz. can	12
214314	16 oz. pump	12

Klear-To-Sea™ is a registered trademark of Doctor Klear, Inc.

MARSOLV™ 898 VINYL UPHOLSTERY/ GEL COAT CLEANER

Marsolv is an exclusive formulation to easily remove color that has transferred from various fabrics to vinyl seating, upholstery or gel coats. Marsolv removes the transferred colors caused by plasticizer migration from the vinyl without harming the finish of the vinyl. It is available in convenient quart bottles.

ITEM #	PUT UP	STANDARD PACKAGE
214000	1 qt. bottle	12

Warning: Do not smoke while using MarSolv™ 898!

MarSolv™ is a trademark of Marlen Textiles.



No. 214460

SUPER-TUFF™

Super-Tuff™ can be used as an all purpose cleaner and degreaser, mildew remover (non-toxic), and spot cleaner. It is safe for most washable surfaces and fabrics. Available in quart size.

ITEM #	PUT UP	STANDARD PACKAGE
214460	1 qt.	1

Super-Tuff™ is a trademark of Doctor Klear, Inc.



No. 210801

CANVAK

Canvak is a refinishing compound that restores water repellency to cotton fabrics. It is normally sold as a semi-clear solution which may be applied to any color fabric. However, it contains wax and may leave a water repellent film on the fabric. It is recommended that Canvak be applied to a small inconspicuous area first to be sure the product will create the desired results. Canvak is not recommended for use on synthetic fabrics.

ITEM #	COLOR	PUT UP	STANDARD PACKAGE
210801	Clear	1 gal.	6

Buckeye Fabric Finishing Co. warning for Canvak: FLAMMABLE Keep away from heat and open flame. Do not use near welding, cutting torch, or metal scraping tools. Close container after each use. Flash point 104°. Use in a well-ventilated area. Avoid repeated or prolonged contact with skin and breathing of vapors or mist spray. Neoprene gloves recommended for long exposure. Excessive inhalation could cause dizziness or nausea. Can cause severe eye irritation. Flush eyes with large amounts of water. Wear splash goggles for eye protection. Do not ingest. Swallowing could cause vomiting and diarrhea, and could possibly be fatal.



No. 214199

IOSSO® E-Z SNAP LUBRICANT

For snaps, zippers, hinges and hardware. Lubricates, waterproofs and reduces friction. It keeps snaps from corroding and locking up. It keeps zippers free flowing. E-Z Snap will not rinse away or dissipate in hot weather. The formula is non-hazardous and does not contain solvents, silicone or Teflon®. Great on boat covers, tents and campers.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214199	10909	1.5 oz.	24

IOSSO® is a registered trademark of IOSSO Products, Inc. Teflon® is a registered trademark of E. I. DuPont Nemours and Company.



No. 230140

MR. CLEARCO SILICONE SPRAY

Mr. Clearco Silicone Spray is formulated for a wide array of applications to prevent sticking and to provide slide. The active ingredient is polydimethylsiloxane (CAS # 63148-62-9) that is clear, colorless, odorless and inert. The silicone film that is imparted on the surface provides excellent lubricity, high dielectric strength, and protection against corrosion. It is safe to use on the majority of plastic and rubber surfaces. For lubrication applications involving plastic, rubbers and foams, it is an excellent choice.

Mr. Clearco Silicone Spray meets California VOC and OTC Compliancy for Industrial Use. It contains no hexane, acetone, CFC's or ozone depleting chemicals. The can's spray heads and valves provide maximum efficiency.

Sewing and Cutting Room Applications

Reduces friction and wear when applied to fabric cutting tables, bobbins, sewing needles, presser feet, and sewing thread.

Upholstery/Furniture Applications

Prevents polyurethane foam from sticking to tabletops, allows cellophane, film, saran and vinyl polyethylene to move freely over sprayed surfaces. Provides slide for plastic, prevents glue and adhesive from adhering, stops squeaking in doors, windows and assemblies, Prevents jamming of equipment caused by glues, adhesives, waxes, etc.

ITEM #	PUT UP	STANDARD PACKAGE
230140	13 oz. aerosol can	12



No. 214324

ULTRA TEF-GEL®

The function of Tef-Gel in eliminating dissimilar metal corrosion is the elimination of electrolytes from entering the interface of the metallic surfaces. Tef-Gel paste contains 40% PTFE powder and 0% volatile solvents, no silicones or petroleum solvents to evaporate, which would leave voids for electrolytes to be drawn into creating a galvanic cell. When both surfaces are coated and mated with Tef-Gel there are no voids for electrolytes (saltwater) to be drawn in by capillary action over extended periods of time.

Thread galling is a common, yet seldom understood problem with threaded fasteners. Galling, often referred to as a cold-welding process, can occur when the surfaces of male and female threads are placed under heavy pressure.

Stainless steel fasteners are particularly susceptible to thread galling, although it also occurs in other alloys that self-generate an oxide surface film, such as aluminum and titanium. During the tightening of the fastener, pressure builds between the contacting thread surfaces and breaks down the protective oxide coatings. With the absence of the oxide coating, the metal high points of the threads are exposed to one another, which increases friction. The combination of these two events can generate enough heat to fuse and seize the nut and bolt together.

Galling can be minimized with the following measures:

- Thread lubrication is one of the most effective measures to decrease the potential for galling. The lubricant reduces friction, which is a key element in thread galling.
- There are some outstanding PTFE based coatings that can be applied to stainless steel fasteners. They are able to drastically reduce the frictional coefficient.

ITEM #	STYLE #	PUT UP	STANDARD PACKAGE
214322	TG-25	3cc syringe	12
214324	TG-04	4 oz. tub	1

Tef-Gel® is a registered trademark of Ultra Safety Systems, Inc.





SECTION 4 HARDWARE

AWNING	172-205
GROMMETS	206-209
FINISHING SUPPLIES FOR WEBBING	209-213
FASTENERS	213-215
MARINE	216-251
TENT AND TARP	252-257
ZIPPERS	257-269
TOOLS	269-281

POLYFAB™ PRO SHADE SAIL HARDWARE

This premium line of marine grade AISI 316/304 stainless steel and other steel hardware is recommended for use in tension shade structures such as hip and ridge and tension membrane shade sails in conjunction with HDPE knitted shadecloth or equivalent quality fabric. The finished structure needs to be properly engineered by a professional engineer and installed by a qualified contractor in accordance with local building codes.

It is the responsibility of the fabricator within these parameters to determine the proper hardware for a particular installation.

WARRANTY	5-Year
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No. 240000

No. 240042



No. 240010

No. 240044



No. 240015

No. 240045



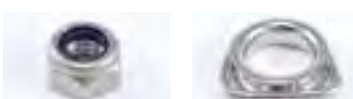
No. 240020

No. 240048



No. 240030

No. 240050



No. 240033

No. 240055



No. 240041

No. 240059

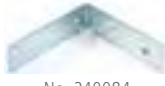
ITEM #	STYLE #	DESCRIPTION	FOR	MATERIAL	PUT UP	SIZE	THREADED FOR SIZE
240000	SS-TBJJ-08	Polyfab Pro Turnbuckle Jaw/Jaw		AISI 316 Stainless Steel	1/each	8 mm	M8
240001	SS-TBJJ-10	Polyfab Pro Turnbuckle Jaw/Jaw		AISI 316 Stainless Steel	1/each	10 mm	M10
240002	SS-TBJJ-12	Polyfab Pro Turnbuckle Jaw/Jaw		AISI 316 Stainless Steel	1/each	12 mm	M12
240005	SS-TBEE-08	Polyfab Pro Turnbuckle Eye/Eye		AISI 316 Stainless Steel	1/each	8 mm	M8
240006	SS-TBEE-10	Polyfab Pro Turnbuckle Eye/Eye		AISI 316 Stainless Steel	1/each	10 mm	M10
240007	SS-TBEE-12	Polyfab Pro Turnbuckle Eye/Eye		AISI 316 Stainless Steel	1/each	12 mm	M12
240008	SS-TBST-12	Polyfab Pro Closed-Body Turnbuckle with Swivel Toggle Ends		AISI 316 Stainless Steel	1/each	12mm (1/2")	M12
240009	SS-TBST-16	Polyfab Pro Closed-Body Turnbuckle with Swivel Toggle Ends		AISI 316 Stainless Steel	1/each	16mm (5/8")	M12
240010	SS-SBF-08	Polyfab Pro Shackle Bow		AISI 316 Stainless Steel	1/each	8 mm	M8
240011	SS-SBF-10	Polyfab Pro Shackle Bow		AISI 316 Stainless Steel	1/each	10 mm	M10
240012	SS-SBF-12	Polyfab Pro Shackle Bow		AISI 316 Stainless Steel	1/each	12 mm	M12
240013	SS-SD-08	Polyfab Dee Shackle		AISI 316 Stainless Steel	1/each	8 mm	M8
240014	SS-SD-10	Polyfab Dee Shackle		AISI 316 Stainless Steel	1/each	10 mm	M10
240015	SS-SD-08	Polyfab Long Dee Shackle		AISI 316 Stainless Steel	1/each	8 mm	M8
240016	SS-SD-10	Polyfab Long Dee Shackle		AISI 316 Stainless Steel	1/each	10 mm	M10
240020	SS-SLT-08	Polyfab Long Twisted Shackle		AISI 316 Stainless Steel	1/each	8 mm	M8
240021	SS-SLT-10	Polyfab Long Twisted Shackle		AISI 316 Stainless Steel	1/each	10 mm	M10
240030	SS-EYN-12	Polyfab Pro Eye Nut		AISI 316 Stainless Steel	1/each	12 mm	M12
240031	SS-EYB-08120	Polyfab Pro Eye Bolt, Nut, 2 Washers		AISI 316 Stainless Steel	1/each	8 x 120 mm	M8
240032	SS-EYB-10120	Polyfab Pro Eye Bolt, Nut, 2 Washers		AISI 316 Stainless Steel	1/each	10 x 120 mm	M10
240033	SS-LNN-08	Polyfab Pro Nylon Lock Nuts		AISI 316 Stainless Steel	1/each	8 mm	M8
240034	SS-LNN-10	Polyfab Pro Nylon Lock Nuts		AISI 316 Stainless Steel	1/each	10 mm	M10
240035	SS-LNN-12	Polyfab Pro Nylon Lock Nuts		AISI 316 Stainless Steel	1/each	12 mm	M12
240036	SS-EYNB-10100	Polyfab Pro Eye Nut Bolt, Nut, Washer		AISI 316 Stainless Steel	1/each	10 x 100 mm	M10
240037	SS-EYNB-10600	Polyfab Pro Eye Nut Bolt, Nut, Washer		AISI 316 Stainless Steel	1/each	10 x 160 mm	M10
240038	SS-EYNB-12200	Polyfab Pro Eye Nut Bolt, Nut, Washer		AISI 316 Stainless Steel	1/each	12 x 200 mm	M12
240040	SS-TRI-06	Polyfab Pro Triangle		AISI 316 Stainless Steel	1/each	6 x 50 mm	M6
240041	SS-TRI-08	Polyfab Pro Triangle		AISI 316 Stainless Steel	1/each	8 x 50 mm	M8
240042	SS-HN-08	Polyfab Pro Hex Nut		AISI 316 Stainless Steel	1/each	8 mm	M8
240044	SS-EYN-08	Polyfab Pro Eye Nut		AISI 316 Stainless Steel	1/each	8 mm	M8
240045	SS-DRG-06	Polyfab Pro Dee Ring		AISI 316 Stainless Steel	1/each	6 x 50 mm	
240046	SS-DRG-08	Polyfab Pro Dee Ring		AISI 316 Stainless Steel	1/each	8 x 50 mm	
240047	SS-EYN-10	Polyfab Pro Eye Nut		AISI 316 Stainless Steel	1/each	10 mm	M10
240048	SS-EYBC-08	Polyfab Pro Eye Bolt with Collar		AISI 316 Stainless Steel	1/each	8 mm	M8
240049	SS-EYBC-10	Polyfab Pro Eye Bolt with Collar		AISI 316 Stainless Steel	1/each	10 mm	M10
240050	SS-DRHD-05	Polyfab Pro Easy-Hold Dee Ring		AISI 316 Stainless Steel	1/each	5 x 50 mm	
240051	SS-DRHD-08	Polyfab Pro Easy-Hold Dee Ring		AISI 316 Stainless Steel	1/each	8 x 50 mm	
240053	SS-EYBC-12	Polyfab Pro Eye Bolt with Collar		AISI 316 Stainless Steel	1/each	12 mm	M12
240054	SS-EYNB-12120	Polyfab Pro Eye Nut Bolt, Nut, Washer		AISI 316 Stainless Steel	1/each	12 x 120mm	M12
240055	SS-DRTH-650	Polyfab Pro Dee Ring Tumble		AISI 316 Stainless Steel	1/each	6 x 50 mm	
240056	SS-DRTH-850	Polyfab Pro Dee Ring Tumble		AISI 316 Stainless Steel	1/each	8 x 50 mm	
240057	SS-DRTH-1065	Polyfab Pro Dee Ring Tumble		AISI 316 Stainless Steel	1/each	10 x 65 mm	
240059	SS-WRT-03	Polyfab Pro Thimble		AISI 316 Stainless Steel	1/each	3.2 mm	
240061	SS-WRT-06	Polyfab Pro Thimble		AISI 316 Stainless Steel	1/each	6 mm	
240062	SS-WRT-08	Polyfab Pro Thimble		AISI 316 Stainless Steel	1/each	8 mm	
240063	SS-WRT-10	Polyfab Pro Thimble		AISI 316 Stainless Steel	1/each	10 mm	
240064	SS-EYNB-12150	Polyfab Pro Eye Nut Bolt, Nut, Washer		AISI 316 Stainless Steel	1/each	12 x 150mm	M12
240065	SS-WRC-04	Polyfab Pro Rope Clamp		AISI 316 Stainless Steel	1/each	4 mm	
240066	SS-WRC-06	Polyfab Pro Rope Clamp		AISI 316 Stainless Steel	1/each	6 mm	
240067	SS-WRC-08	Polyfab Pro Rope Clamp		AISI 316 Stainless Steel	1/each	8 mm	
240069	SS-HN-10	Polyfab Pro Hex Nut		AISI 316 Stainless Steel	1/each	10 mm	M10
240070	NP-WRS-04	Polyfab Pro Swaging Sleeve		Nickel Plated Copper	1/each	4 mm	
240071	NP-WRS-06	Polyfab Pro Swaging Sleeve		Nickel Plated Copper	1/each	6 mm	
240072	NP-WRS-08	Polyfab Pro Swaging Sleeve		Nickel Plated Copper	1/each	8 mm	
240073	SS-WRC-10	Polyfab Pro Rope Clamp		AISI 316 Stainless Steel	1/each	10 mm	
240074	SS-WRC-03	Polyfab Pro Rope Clamp		AISI 316 Stainless Steel	1/each	3.2 mm	
240075	HS-345CR	Croc Heavy Duty Hand Swage Tool for 3, 3.2, 4, 5mm Wire	3, 3.2, 4 and 5 mm wire		1/each		



No. 240076



No. 240102



No. 240084



No. 240103



No. 240090



No. 240104



No. 240094



No. 240105



No. 240095



No. 240106



No. 240097



No. 240114



No. 240100



No. 240115



No. 240101

ITEM #	STYLE #	DESCRIPTION	FOR	MATERIAL	PUT UP	SIZE	THREADED FOR SIZE
240076	HS-6810CR	Croc Heavy Duty Hand Swage Tool for 6, 8, 10mm Wire	6, 8, and 10 mm wire		1/each		
240077	NP-WRS-03	Polyfab Pro Swaging Sleeve		Nickel Plated Copper	1/each	3.2 mm	
240078	SS-WR719-03	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	250 ft. reel	3.2 mm / 1/8 in.	
240079	SS-WR719-03	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	1000 ft. reel	3.2 mm / 1/8 in.	
240080	ZN-CBEX-100	Polyfab Pro External Corner Bracket		Zinc Plated Steel	1/each	100 mm	
240081	ZN-CBIN-100	Polyfab Pro Internal Corner Bracket		Zinc Plated Steel	1/each	100 mm	
240082	ZN-CBEX-100120	Polyfab Pro External Corner Bracket		Zinc Plated Steel	1/each	100 x 120 mm	
240083	ZN-CBEX-250	Polyfab Pro External Corner Bracket		Zinc Plated Steel	1/each	250 mm	
240084	ZN-CBIN-250	Polyfab Pro Internal Corner Bracket		Zinc Plated Steel	1/each	250 mm	
240085	SS-WR719-06	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	250 ft. reel	6 mm / 1/4 in.	
240086	SS-WR719-06	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	1000 ft. reel	6 mm / 1/4 in.	
240087	SS-WR719-08	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	250 ft. reel	8 mm / 5/16 in.	
240088	SS-WR719-08	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	1000 ft. reel	8 mm / 5/16 in.	
240089	SS-WR719-10	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	250 ft. reel	10 mm / 3/8 in.	
240090	ZN-WPD-100	Polyfab Pro Diagonal Eye Wall Plate		Zinc Plated Steel	1/each	100 mm	
240091	ZN-WPD-150	Polyfab Pro Diagonal Eye Wall Plate		Zinc Plated Steel	1/each	150 mm	
240092	SS-WR719-10	Polyfab Pro Shade Sail Wire Rope 7x19		AISI 316 Stainless Steel	1000 ft. reel	10 mm / 3/8 in.	
240094	SS-WPD-180	Polyfab Pro Diamond Wall Plate with 100mm Shackle Eye		AISI 316 Stainless Steel	1/each	180 x 110 mm	
240095	SS-PED-90	Polyfab Pro Diamond Pad Eye		AISI 316 Stainless Steel	1/each	80 mm	
240096	SS-PED-100	Polyfab Pro Diamond Pad Eye		AISI 316 Stainless Steel	1/each	100 mm	
240097	SS-SC-15	Polyfab Pro Safety Cable		AISI 316 Stainless Steel	1/each		
240100	ZN-FBTH	Polyfab Pro Fascia Bracket with 12mm Threaded Rod		Zinc Plated Steel	1/each		
240101	ZN-FBLH	Polyfab Pro Fascia Bracket for 20 Degree Rafter Angle Left		Zinc Plated Steel	1/each		
240102	ZN-FBRH	Polyfab Pro Fascia Bracket for 20 Degree Rafter Angle Right		Zinc Plated Steel	1/each		
240103	ZN-FB90	Polyfab Pro Fascia Bracket for Flat Roof		Zinc Plated Steel	1/each		
240104	ZN-FB2W	Polyfab Pro Fascia Bracket Two Way		Zinc Plated Steel	1/each		
240105	AL-DISK-06	Polyfab Pro Corner Disk Assembly		Stamped Aluminum	1/each		
240106	SS-HKS-08	Polyfab Pro Spring Hook		AISI 316 Stainless Steel	1/each	8 mm	
240107	SS-HKS-10	Polyfab Pro Spring Hook		AISI 316 Stainless Steel	1/each	10 mm	
240108	SS-QLT-06	Polyfab Pro Triangle Quick Link		AISI 316 Stainless Steel	1/each	6 mm	
240109	SS-QLT-10	Polyfab Pro Triangle Quick Link		AISI 316 Stainless Steel	1/each	10 mm	
240110	SS-WRT-05	Polyfab Pro Thimble		AISI 316 Stainless Steel	1/each	5 mm	
240111	SS-WRC-05	Polyfab Pro Rope Clamp		AISI 316 Stainless Steel	1/each	5 mm	
240112	NP-WRS-05	Polyfab Pro Swaging Sleeve for 5mm Wire		Nickel Plated Copper	1/each	5 mm	
240113	ZN-CBEX-150	Polyfab Pro External Corner Bracket		Zinc Plated Steel	1/each	150 mm	
240114	ZN-CBIN-150	Polyfab Pro Internal Corner Bracket		Zinc Plated Steel	1/each	150 mm	
240115	ZN-CBIN-100120	Polyfab Pro Internal Corner Bracket		Zinc Plated Steel	1/each	100 x 120 mm	

Polyfab™ is a trademark of Polyfab USA.



POLYFAB™ SHADE SAIL EDGE WEBBING

Polyfab Shade Sail Edge Webbing is used for shade structures and shade sails. This polyester webbing has a breaking strength of approximately 4,700 pound force. Available in 20 colors to match Polytex®, Comtex® and Architec 400® extra heavy duty knitted Shadecloth.

ITEM #	COLOR	COLOR NUMBER	PUT UP	WIDTH
565101	Midnight Green	62	109 yd.	2 in.
565103	Blue	50	109 yd.	2 in.
565105	Navy Blue	51	109 yd.	2 in.
565107	Sandstone	73	109 yd.	2 in.
565109	Bronze	81	109 yd.	2 in.
565111	Sage	19	109 yd.	2 in.
565113	Charcoal	92	109 yd.	2 in.
565115	Porcelain	71	109 yd.	2 in.
565117	Yellow	10	109 yd.	2 in.
565121	Black	99	109 yd.	2 in.
565125	Silver Gray	91	109 yd.	2 in.
565127	Red	30	109 yd.	2 in.
565129	Beige	72	109 yd.	2 in.
565131	Café Noir	35	109 yd.	2 in.
565133	White	01	109 yd.	2 in.
565135	Antec Orange	22	109 yd.	2 in.
565137	Berry	36	109 yd.	2 in.
565139	Purple	58	109 yd.	2 in.
565141	Fluoro Green	67	109 yd.	2 in.

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No. 240022



No. 240024



No. 240052



No. 240058

POLYFAB™ TRIAX™ CANOPY FRAME SYSTEM

The Polyfab Triax Canopy Frame System available exclusively from Trivantage® allows fabricators to build freestanding or attached canopy frames that support water resistant covers in either residential or commercial settings. The system consists of aluminum cast fittings that connect in a cradle-fashion with bolts or Tek® screws to standard 2 3/8 inch steel tubing. Tension on the cover is held within the frame, making it possible to create free standing or attached canopies that shed water and avoid over stressing the anchor structure. Assembly does not require welding, which means less equipment at the job site and the ability to use standard galvanized aluminum tubing.

Triax is ideal for residential projects such as gracefully curved patio awnings and side-yard car shade areas. It is also designed for use on commercial buildings, such as restaurant decks, building entrances and school courtyards. In public spaces, the system can be sized to provide shade for small areas such as park picnic tables and larger expanses such as swimming pools.

It is the responsibility of the fabricator within these parameters to determine the proper hardware for a particular installation.

ITEM #	STYLE #	DESCRIPTION	FOR	MATERIAL	SIZE
240022	AL-T50	Polyfab Triax Fitting	2-3/8 in. tubing		
240023	AL-PC80	Polyfab Triax Post Cap	3-1/2 in. tubing		
240024	PE-TUIN	Polyfab Triax Tubing Insert	2-3/8 in. tubing		
240025	SS-EYTB-08120	Polyfab Triax Eye Tube Bolt		AISI 316 Stainless Steel	8 x120 mm
240026	SS-EYTB-10045	Polyfab Triax Eye Tube Bolt		AISI 316 Stainless Steel	10 x 45 mm
240027	SS-EYTB-10075	Polyfab Triax Eye Tube Bolt		AISI 316 Stainless Steel	10 x 75 mm
240028	SS-THJR-08	Polyfab Triax Right Thread Jaw with Nut		AISI 316 Stainless Steel	8 x 57 mm
240029	SS-THJR-10	Polyfab Triax Right Thread Jaw with Nut		AISI 316 Stainless Steel	10 x 68 mm
240043	SS-EYS-10	Polyfab Triax Screw Eye		AISI 316 Stainless Steel	10 x 80 mm
240052	SS-DRHD-10	Polyfab Triax Easy-Hold Dee Ring		AISI 316 Stainless Steel	10 mm
240058	SS-RTH-1150	Polyfab Triax Round Thimble		AISI 316 Stainless Steel	11 x 50 mm

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MISTING SYSTEM – MIST-ER-COMFORT™ OUTDOOR CUSTOM BOAT KIT WITH PUMP AND TANK

Do your customers love the outdoors, but hate being hot? You can offer them the perfect solution with Mist-er-Comfort outdoor misting systems. These easy to install systems attach to any boat bimini top or patio structure to provide hours of comfort during hot days.

Mist-er-Comfort for boats installs in minutes and uses a boat’s water supply for hours of cool mist, which can drop temperatures by up to 25 degrees. Your marine customers can use it to keep cool while fishing on the flats, idling through no-wake zones, anchored in calm waters, docked at the marina or beached at their favorite island.

The 2001 kit comes completely assembled with three misting heads, 6 mounting straps, 28 feet of polyethylene tubing, through-floor insert special 1/2 inch t-adapter kit, on/off valve, automatic drain valve.

The 2011 kit includes 2 feet of tubing, one misting head and a mounting strap.

The 2003-SS kit includes a 125psi pump/filter/automatic drain, 4 stainless steel mister heads, 35 feet of polyethylene tubing, mounting options of VELCRO® straps or grommets to conceal misting heads in hard top or T-top. Console on/off switch not included.

The 2004-SS kit comes with a completely assembled 6 gallon pump/tank controlled by a switch (switch not included), 125psi pump/filter/automatic drain, fill tank by simply removing cap on top of tank 4 stainless steel mister heads, 35 feet of polyethylene tubing, mounting options of VELCRO® straps or grommets to conceal misting heads in hard top or T-top.



MISTING SYSTEM – MIST-ER-COMFORT™ OUTDOOR STANDARD PATIO MISTER KIT

The Mist-er-Comfort Patio Mister forms a curtain-like barrier, separating patio from the surrounding hot areas. On a hot summer day, Mist-er-Comfort can drop the outdoor temperature by up to 25 degrees around backyard patios and pool areas, as well as outdoor decks and restaurants. Each patio misting kit comes with mounting hardware to install on wood fascia, siding, handrail, or decking.

The standard portable misting patio kit consists of six misting heads spaced every four feet, providing over 20 feet of comfortable misting area. Misting heads can be easily added for larger applications. Use caution not to exceed the recommended number of misting heads based on water pressure.

Standard Patio Mister Kit includes six mister heads, 12 wood staples, 40 feet of polyethylene tubing, a garden hose adapter, an on/off valve, and a screen mesh filter.

ITEM #	STYLE #	DESCRIPTION
277774	4001	Patio Misting Kit

Mist-er Comfort™ is a trademark of Mist-er-Comfort, Inc.

ITEM #	STYLE #	DESCRIPTION
277770	2001	Marine Misting Kit
277771	2011	Marine Misting Head Kit
277772	2003-SS	Marine Misting Kit with Pump
277773	2004-SS	Misting Kit with Pump/Tank

Mist-er Comfort™ is a trademark of Mist-er-Comfort, Inc. VELCRO® is a registered trademark of Velcro Industries B.V.

MISTING SYSTEM – MIST-ER-COMFORT™ OUTDOOR PATIO BOOSTER PUMP KIT

The Patio Booster Pump Kit is recommended if household water pressure does not meet the PSI requirements. The Kit includes a 125psi pump, on/off switch, control valve, water filter, and an automatic drain valve, all enclosed in a weatherproof locking cabinet.

ITEM #	STYLE #	DESCRIPTION
277779	4013	Patio Booster Pump Kit

Mist-er Comfort™ is a trademark of Mist-er-Comfort, Inc.

MISTING SYSTEM – MIST-ER-COMFORT™ OUTDOOR PATIO MISTER OPTIONS

Patio Mister Options include additional mister heads (includes 6 feet of tubing, one misting head and mounting hardware), a garden hose adapter, a UV clip, and a VELCRO® strap.

ITEM #	STYLE #	DESCRIPTION
277775	4011	Patio Misting Head Kit
277776	4080	Misting Garden Hose Adapter
277777	4056	Patio Misting UV Clip
277778	4057	Patio Misting Velcro Strap

Mist-er Comfort™ is a trademark of Mist-er-Comfort, Inc. VELCRO® is a registered trademark of Velcro Industries B.V.



No. 112630

AWNING HARDWARE – HEAD ROD CLAMP – NARROW BASE TYPE – ZINC DIE CAST

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. Plated, zinc die-cast.

One countersunk hole for wood screw provides quick and solid installation. Furnished with machine bolt and wing nut.

ITEM #	STYLE #	SIZE HEAD ROD	STANDARD PACKAGE
112630*	30Z	1/2 in. diameter iron	25

*112630 - Also available in aluminum.



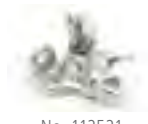
No. 112510

AWNING HARDWARE – HEAD ROD CLAMP – ROLLER CURTAIN TYPE – MALLEABLE IRON

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys.

Plated, malleable iron. Fastens on inside of porch so that pulleys and pull ropes are on inside of curtain. Can be attached to either face board or ceiling.

ITEM #	STYLE #	FOR	SIZE HEAD ROD	STANDARD PACKAGE
112510	10	Brick	3/8 in. or 1/2 in. diameter iron	25
112521	21	Wood	3/8 in. or 1/2 in. diameter iron	25



No. 112521

AWNING HARDWARE – ELBOW

Plated, malleable iron. Threaded.

ITEM #	STYLE #	STANDARD PACKAGE	THREADED FOR PIPE SIZE
123002*	2	25	3/8 in.
123003*	3	25	1/2 in.
123004*	4	25	3/4 in.
123005	5	25	1 in.
123008	8	25	1/2 in. x 3/4 in.

*123002 - Also available in aluminum.

*123003 - Also available in aluminum.

*123004 - Also available in aluminum.



No. 123004

AWNING HARDWARE – HEAD ROD CLAMP – ZINC DIE CAST

A fixture designed for attaching the head rod of an awning to various building surfaces, as well as providing hooks for hanging awning pulleys. Plated, zinc die-cast.

ITEM #	STYLE #	FOR	SIZE HEAD ROD	STANDARD PACKAGE
112501	1	Wood	3/8 in. diameter iron	25
112504	4	Wood	1/2 in. diameter iron	25
112505	5	Wood	3/8 in. diameter iron	25
112509*	6	Wood	1/2 in. diameter iron	25

*112509 - Stainless steel fasteners.



No. 124702

AWNING HARDWARE – PIN OR NUT END

Plated, malleable Iron. Threaded and fitted with a nut. Use with side nut hinge or front cotter hinge.

ITEM #	STYLE #	STANDARD PACKAGE	THREADED FOR SIZE
124702	2	25	1/2 in. pipe



No. 112501



No. 112504



No. 112505



No. 112509



No. 124002

AWNING HARDWARE – EYE END – MALLEABLE IRON

Use with side nut hinge or front cotter hinge. Plated, malleable iron. Threaded. Placed on the ends of arms and rafters for fastening onto hinges or jaws.

ITEM #	STYLE #	STANDARD PACKAGE	THREADED FOR SIZE	TYPE
124002*	2	25	1/4 in. pipe or 1/2 in. iron	Small eye
124003*	3	25	3/8 in. pipe or 5/8 in. iron	Small eye
124004	4	25	1/2 in. pipe	Small eye
124005	5	25	3/4 in. pipe	Small eye
124007	7	25	1/4 in. pipe or 1/2 in. iron	Large eye
124009	9	25	1/2 in. pipe	Large eye
124010	10	25	3/4 in. pipe	Large eye
124012	12	25	1 in. pipe	Small eye

*124002 - Also available in aluminum.
*124003 - Also available in aluminum.



No. 281680

AWNING HARDWARE – FRONT BAR CLAMP – ALUMINUM

Front bar clamps provide fast and complete slip fit of pipe rafter to front bar. Simply tighten the set screws which are furnished and the operation is complete.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281680	380-A	3/4 in. x 3/4 in. pipe	25
281681	381-A	1 in. x 1 in. pipe	25



No. 281530

AWNING HARDWARE – HEAD ROD CLAMP – FOR NARROW BASE INSTALLATION – ALUMINUM

One countersunk hole provided for wood screw. Extra strong aluminum bolts and non-ferrous zinc wing nuts.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281530	30A-40	1/2 in. rod	25



No. 281510

AWNING HARDWARE – HEAD ROD CLAMP – FOR BRICK OR STONE – ALUMINUM

Furnished with hole for 3/8 inch diameter lag. Includes machine screw and wing nuts.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281510	10A-4	1/2 in. rod	25



No. 281501

AWNING HARDWARE – HEAD ROD CLAMP – FOR WOOD – ALUMINUM

Furnished with two countersunk holes to accommodate No. 10 wood screws. Includes machine screw and wing nuts.



No. 281505

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281501	03	3/8 in. rod	25
281505	5A-1	3/8 in. rod	25
281506	6A-2	1/2 in. rod	25



No. 281702

AWNING HARDWARE – CLEAT

Aluminum cleat for wood with two countersunk holes for wood screws.

ITEM #	STYLE #	FOR	LENGTH	STANDARD PACKAGE
281702	2A-2	3/4 in. pipe	6 in.	25



No. 281106

AWNING HARDWARE – EYE END – ALUMINUM

Threaded.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281106	5A	3/4 in. pipe	25
293616*	4A-4	1/2 in. pipe	25

*293616 - Also available in malleable iron.



No. 284093

AWNING HARDWARE – BRACKET HINGE – ALUMINUM

For wood. Two countersunk holes for wood screws. Furnished with machine screw. Also available in zinc die-cast.

ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
284093	OBA-3	1 in.	25



No. 286204

AWNING HARDWARE – SWIVEL EYE PULLEY – ALUMINUM DIE CAST

Aluminum die-cast with stainless steel pin.



No. 286212

ITEM #	STYLE #	ROPE DIAMETER	SHEAVE DIAMETER	STANDARD PACKAGE	STYLE SHEAVE
286204	1A	3/16 in.	1/2 in.	25	Single
286212	11A	3/16 in.	1/2 in.	25	Double



No. 157500

AWNING HARDWARE – SWIVEL EYE PULLEY – STAMPED

Stamped aluminum with an aluminum pin. Rustproof with smooth rounded top section housing to keep swivel eye from contact with rope. ABS plastic sheaves rotate freely on aluminum rivet.

ITEM #	STYLE #	ROPE DIAMETER	SHEAVE DIAMETER	STANDARD PACKAGE	STYLE SHEAVE
157500	60	1/8 in.	1/2 in.	100	Single
157501	61	3/16 in.	5/8 in.	100	Single
157502	62	3/16 in.	27/32 in.	100	Single

AWNING HARDWARE – SWIVEL EYE PULLEY – MALLEABLE IRON

Plated malleable iron.

ITEM #	STYLE #	ROPE DIAMETER	STANDARD PACKAGE	STYLE SHEAVE
266678	5	3/8 in.	50	Single



No. 284106

AWNING HARDWARE – ROD AND RAFTER HOLDERS – DUAL DUTY – ALUMINUM

Made to take 1/2 inch head rod. Designed to mount with either wood screws or lag bolt. Furnished with machine screws and wing nut.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
284106	99A-99	1/2 in. rod	25



No. 284103

AWNING HARDWARE – ROD AND RAFTER HOLDERS – FOR BRICK OR WOOD – ALUMINUM

Rod and Rafter Holders furnished with machine screws and wing nut. Also available in iron.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
284103	3A-89	1/2 in. rod	25



No. 281700

AWNING HARDWARE – SLIP-FIT TIE-DOWN CLAMP – ALUMINUM

Slip-fit tie-down clamps prevent water pockets behind the front bar. This clamp fastens to the front bar and holds a 3/8 inch pipe or 5/8 inch rod. Furnished with machine bolt and hex nut. Also available in steel.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281699	78	1 in. pipe	25
281700	77	3/4 in. pipe	25



No. 293412

AWNING HARDWARE – SLIP-FIT ELBOW

Furnished with socket head set screws.

ITEM #	STYLE #	FOR	NUMBER OF SET SCREWS	STANDARD PACKAGE
282004*	4-S	1/2 in. pipe	2	25
293410*	3-S	3/8 in. pipe	2	25
293412*	5-SQ	3/4 in. x 3/4 in. pipe	4	25
293413*	6-SQ	1 in. x 1 in. pipe	4	25

*282004 - Also available in malleable iron.

*293410 - Stainless steel set screws.

*293412 - Also available in malleable iron.

*293413 - Also available in malleable iron.



No. 282191

AWNING HARDWARE – SLIP-FIT EYE END – ALUMINUM

Furnished with socket head set screws.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
282122*	2S	1/4 in. pipe	25
282190	290A-305	3/4 in. pipe	25
282191	291A-315	1 in. pipe	25
282193	286A-304	1/2 in. pipe	25

*282122 - Also available in malleable iron.



No. 287803

AWNING HARDWARE – SLIP-FIT ADJUSTABLE POST SOCKET – FOR BRICK – ALUMINUM

Furnished with square head set screw for slip-fit installation.

ITEM #	STYLE #	PIPE	STANDARD PACKAGE
287803	3A-205L	3/4 in. Slip-Fit	25
287804	4A-206L	1 in. Slip-Fit	25



No. 288144

AWNING HARDWARE – SLIP-FIT RAFTER AND UPRIGHT TEES

Designed for quick and efficient slip-fit installation at rafter and front bar.

Connect No. 600 and No. 601 slip tees to create corners. These rafter and upright slip tees for 1 inch Schedule 40 pipe are adjustable to 90°. Use interchangeable No. 600's together for other areas. All slip tees are furnished with stainless steel set screws.



No. 288147

ITEM #	STYLE #	FOR	STANDARD PACKAGE
288144*	600	1 in. x 1 in. pipe	25
288147	601	1 in. x 1 in. pipe	25

*288144 - Replaces the 53A-311 and 43A-312.



No. 283902

AWNING HARDWARE – SPEAR HEAD – ALUMINUM

Spear head with male threaded ends.

ITEM #	STYLE #	LENGTH	STANDARD PACKAGE	THREADED FOR PIPE SIZE
283902	2A-103	8-1/2 in.	25	1/2 in. male thread



No. 112847

AWNING HARDWARE – PIPE CLAMP – WROUGHT STEEL

Plated. Designed for a carriage bolt to prevent bolt head from turning when nut is tightened. Bolt included unless stated otherwise.

ITEM #	STYLE #	DESCRIPTION	BOLT SIZE	PIPE	STANDARD PACKAGE
112833	43	Bolt excluded	5/16 in.	3/4 in.	25
112834	44	Bolt excluded	5/16 in.	1 in.	25
112842	42	Bolt included	5/16 in.	1/2 in.	25
112843	43	Bolt included	5/16 in.	3/4 in.	25
112844	44	Bolt included	5/16 in.	1 in.	25
112847	42	Bolt included	3/8 in.	1/2 in.	25
112848	43	Bolt included	3/8 in.	3/4 in.	25
112849	44	Bolt included	3/8 in.	1 in.	25



No. 113234

AWNING HARDWARE – SLIP-FIT TIE-DOWN CLAMP

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.

Plated, stamped steel with stainless steel bolt. Tie-down clamps are designed to eliminate pocketing of rain water on stationary or terrace awnings. Their use permits stationary awning covers to be drawn taut. Assembly can be made quickly on new stationary awning frames as well as old ones. Furnished with carriage bolt and hex nut.

ITEM #	STYLE #	FRONT BAR SIZE	STANDARD PACKAGE
113233	33	3/4 in. pipe	25
113234	34	1 in. pipe	25
113235	35	1-1/4 in. pipe	25
113236*	34A	1 in. pipe	25

*113236 - The longer projection of this pipe clamp allows the installer to pull the fabric tighter on the frame. A 2-1/4 inch tabling must be used on the 34A for the installer to achieve the proper torque. Furnished with 2 carriage bolts and flange nuts.

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No. 215020

AWNING HARDWARE – SLIP-FIT COUPLING

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.

ITEM #	STYLE #	FINISH	FRONT BAR SIZE	MATERIAL	STANDARD PACKAGE
215020	14-6	Galvanized	1 in. pipe	Iron	25

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No. 123389

AWNING HARDWARE – SLIP-FIT SQUARE ELBOW

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.



No. 225135

Plated, malleable iron. Square design ensures a better fitting cover. Used to join front bars with end rafters. Ideal for use in joining right angles of any frame assembly. Furnished with set screws.

ITEM #	STYLE #	FRONT BAR SIZE	RAFTER	STANDARD PACKAGE
123386	285	1/2 in. pipe	1/2 in. pipe	25
123387	287	3/4 in. pipe	3/4 in. pipe	25
123389	289	1 in. pipe	1 in. pipe	25
225135*	15-7	1-1/4 in. pipe	1-1/4 in. pipe	25
244540	20-6	1 in. pipe	1 in. pipe	25

*225135 - Hot dip galvanized – smooth design, with socket head screw.

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 124190

AWNING HARDWARE – SLIP-FIT EYE END

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length. A specially designed, plated, malleable iron eye end, properly proportioned for greatest rigidity. Small eye permits snug fit between eye end and rod and rafter holder. Barrel depth of 2 inch assures greater holding power between eye end and pipe. Furnished with set screw.

ITEM #	STYLE #	MAXIMUM BOLT STANDARD	SIZE	STANDARD PACKAGE
124188	286	1/4 in.	1/2 in. pipe	25
124190*	290	7/16 in.	3/4 in. pipe	25
124191*	291	7/16 in.	1 in. pipe	25
124192	292	1/2 in.	1-1/4 in. pipe	25

*124190 - Also available in aluminum.
 *124191 - Also available in aluminum.

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 163704

AWNING HARDWARE – SLIP-FIT ADJUSTABLE POST SOCKET – FOR BRICK – MALLEABLE IRON

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.

Furnished with two lag screw holes for attaching to brick. Plated, malleable iron, furnished with set screw. Also available in aluminum.

ITEM #	STYLE #	SIZE POST	STANDARD PACKAGE
163703	3	3/4 in. pipe	25
163704	4	1 in. pipe	25

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No. 163702

AWNING HARDWARE – SLIP-FIT ADJUSTABLE POST SOCKET – FOR WOOD – MALLEABLE IRON

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.

Furnished with four wood screw holes for attaching to wood. Plated, malleable iron, furnished with set screw.

ITEM #	STYLE #	SIZE POST	STANDARD PACKAGE
163701	1	3/4 in. pipe	25
163702	2	1 in. pipe	25

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No. 130581

AWNING HARDWARE – SLIP-FIT ADJUSTABLE FRONT BAR

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.

A fitting made of plated steel clamps and zinc die-cast collar, with many applications where a sturdy reinforced assembly is required. Ideal for patio awning pipe frame assemblies, supporting pipe posts, pipe braces, and all types of special pipe frames.

The interlocking three-piece fitting provides a rigid, low cost assembly. Slip top section over pipe and adjust to desired position. Tighten set screw. Both hands are free to quickly bolt interlocking bottom section to top section for completed assembly.

ITEM #	STYLE #	FRONT BAR SIZE	REDUCING FOR PIPE SIZE	STANDARD PACKAGE
130580	280	3/4 in. pipe	3/4 in. pipe	25
130581	281	1 in. pipe	1 in. pipe	25
130582	282	1 in. pipe	3/4 in. pipe	25

Tolerance on sand casting: 1/32 inch to 4 inch dimension, 3/64 inch to 4 inch to 8 inch dimension. Tolerance on die casting: ± 0.005 inch.

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No. 174375



No. 174377



No. 274030

AWNING HARDWARE – SLIP-FIT TEE

Trivantage® Slip-Fit fittings, made of sturdy, plated, shockproof malleable iron, or plated steel as shown, offer a time and labor saving way to install patio awnings. No threading necessary, as all fittings simply slip on or over pipe frame, and are then secured by means of square head set screws. Slip-Fit fittings permit rapid adjustment when pipe is not cut to exact length.

Plated, malleable iron. Special cast lip on inside of slip tee prevents inserted pipe from interfering with pipe crossing in other direction. Can be used for: joining upright posts to front bars, joining rafters to front bars, joining special types of frames, such as carports, carnival booths, etc. Furnished with set screws.

ITEM #	STYLE #	EXTENSION	FRONT BAR SIZE	STANDARD PACKAGE
174375	275	1/2 in. pipe	1/2 in. pipe	25
174377	277	3/4 in. pipe	3/4 in. pipe	25
174379	279	1 in. pipe	1 in. pipe	25
225121	25-2	3/4 in. pipe	3/4 in. pipe	25
274030*	25-7	1-1/4 in. pipe	1-1/4 in. pipe	25

*274030 - Hot dip galvanized – does not have cast lip, with socket head screw.

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No. 173504



No. 173604

SLIP TEE

Plated, malleable Iron. The run is not threaded and can be slipped over the front bar. The extension outlet is tapped.

ITEM #	STYLE #	EXTENSION BAR THREADED	FRONT (SLIP FIT)	STANDARD PACKAGE	TYPE
173504	4	3/4 in. pipe	3/4 in. pipe	25	Without set screws
173604	4	3/4 in. pipe	3/4 in. pipe	25	With set screws
173622	22	1/2 in. pipe	1/2 in. pipe	25	With set screws

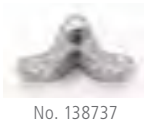


No. 138615

AWNING HARDWARE – BRACKET HINGE

Plated, die-cast zinc. Furnished with machine screw and hex nut. Also available in aluminum.

ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
138615	O-B	1 in.	25



No. 138737



No. 238020

AWNING HARDWARE – CAMELBACK HINGE – ZINC DIE-CAST

Plated, zinc die-cast. Fastens the projection arms of awning frames to a building. Furnished with machine screws.

No. 11 is identical in design to the No. 2, but has a round head shoulder screw with “pilot” for holding No. 1 Sheet Brass Grommets.

ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
138737	11	11/16 in.	25
238020*	2	11/16 in.	25

*238020 - Also available in aluminum.



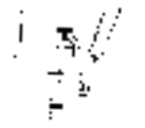
No. 263913



No. 263923

AWNING HARDWARE – ROUND HEAD MACHINE SCREW

ITEM #	DESCRIPTION	FOR	MATERIAL	SIZE	STANDARD PACKAGE
263913	Round Head Machine Screw	No. 11 and C.B. Hinge	Plated	12-24 x 7/8 in.	100
263923	Round Head Shoulder Screw	No. 2 C.B. Hinge, No 34. S.S. Hinge	Stainless Steel	12-24 x 3/4 in.	100



No. 139180

AWNING HARDWARE – EXTRA PROJECTION HINGE

Made of plated, malleable iron. Designed for box type awning or casement windows. Extra projection allows awning frame to fold flat against building. Pipe clamps on lower frame are easily moved to align frame with building. Also designed for ranch-type homes for use on ceiling of "overhang" when standard rod and rafter holder would not be suitable. Used with No. 30 Head Rod Clamp with fastening holes and shipped with Round Head Machine Screw.

ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
139180	15	1-1/2 in.	25



No. 139064

AWNING HARDWARE – HINGE – STAMPED STEEL

Plated. Furnished with machine screw.

ITEM #	STYLE #	GAUGE	STANDARD PACKAGE
139064	34	14	25



No. 124514

AWNING HARDWARE – JAW END – FOR STEEL BEAMS

Jaw ends only, less bolt.

ITEM #	STYLE #	JAW OPENING	MATERIAL	PROJECTION	STANDARD PACKAGE	THREADED FOR SIZE
124514	34-B	7/16 in.	Aluminum Extrusion	1-1/2 in.	25	3/8 - 16



No. 124504

AWNING HARDWARE – JAW END WITH LAG SCREW

Used to attach awning frame to a brick surface. Furnished with machine screw and square nut. Projection is from shoulder of jaw to center of bolt hole in jaw.

ITEM #	STYLE #	JAW OPENING	LAG SCREW SIZE	MATERIAL	PROJECTION	STANDARD PACKAGE	USE EXPANSION SHIELD
124504	4	7/16 in.	3/8 in. x 2-1/2 in.	Aluminum Extrusion	1-1/2 in.	25	3/8 in. x 2 in.



No. 267301

AWNING HARDWARE – HINGE SILENCER SPRING

Easily installed between the eye end of the awning frame and the hinge to absorb play and eliminate noise and rattle. Made of fine quality plated, tempered strip steel.

ITEM #	STANDARD PACKAGE
267301	25



No. 140104

AWNING HARDWARE – ROD AND RAFTER HOLDER NO. 4

Rod and rafter holders are designed for attaching heads and rafters of patio or stationary awnings, eliminating the need for separate clamps for head rod or hinges for the rafters. Made of plated, malleable iron. Furnished with machine bolt and wing nut to hold the head rod, machine screw and square nut, for fastening the rafter.

A combination fixture for application on brick, wood or concrete. It has two countersunk holes for wood screws. There is also a hole for a 5/16 inch or 3/8 inch lag screw. The No. 4 Rod and Rafter Holder is especially suitable for application and installation on narrow trim boards.

ITEM #	STYLE #	SIZE HEAD ROD	STANDARD PACKAGE
140104	4	1/2 in. diameter iron	25



No. 138002

AWNING HARDWARE – SPEAR HEAD

Supplied in standard plain finish or plated, ductile iron.

ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE	THREADED FOR SIZE
138002	2	Plain	9-1/2 in.	25	1/2 in. pipe
138102	2	Plated	9-1/2 in.	25	1/2 in. pipe



No. 138102

AWNING HARDWARE – SPEAR HEAD TEE

Plated, malleable iron design permits spear point outlet to be flush with front bar. All outlets tapped for pipe.

ITEM #	STYLE #	ARM OUTLET	FRONT BAR OUTLET	SPEAR OUTLET	STANDARD PACKAGE
174403	3	1/2 in.	1/2 in.	1/2 in.	25
174405	5	3/4 in.	3/4 in.	1/2 in.	25



No. 174403



No. 136002

GUDGEON – SQUARE HOLE

For worm gears. For round shaft of center support.

ITEM #	FOR
136002	1-1/2 in. ID pipe



No. 106708

WINDING BRACE

Made of rigid plated steel with steel socket for 5/8 inch iron pipe. Fitted with 4 inch hardwood grip handles.

ITEM #	STYLE #	BRACE SWEEP	SIZE
106708	8	14 in.	5/8 in.



No. 141001

WORM GEAR ATTACHMENTS – COMBINATION COUPLING AND HOOK

Specially designed plated, malleable iron hook to securely engage eye of winding shaft when operating awning with winding brace. Standard equipment on all Trivantage® gears. Slips over 3/4 in. steel shaft. Furnished with round head machine screw.

ITEM #	STYLE #	STANDARD PACKAGE
141001	1	25



No. 147002

WORM GEAR ATTACHMENTS – UNIVERSAL OR KNUCKLE JOINT

Used for connecting worm gear drive shaft or for splicing two drive shafts. Made of plated, malleable iron sockets with steel, square knuckles.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
147002	2	3/4 in. x 3/4 in. iron	25



No. 126001

WORM GEAR ATTACHMENTS – WINDING SHAFT EYE

Reinforced, plated, malleable iron eye, easily attaches to winding shaft with M6 (metric) bolt.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
126001	1	1/2 in. iron	25
126002	2	5/8 in. iron	25
126003	3	3/8 in. pipe	25



No. 158342

PULLEY – STAMPED STEEL – SWIVEL EYE

ABS Plastic Single Sheave. Full-bearing, with heavy wire, open end swivel eyes that function smoothly. Sheaves prevent rope from being cut or frayed. Plated.

ITEM #	STYLE #	ROPE DIAMETER	SHEAVE DIAMETER	STANDARD PACKAGE	STYLE SHEAVE
158340*	50	1/8 in.	1/2 in.	25	Single
158341*	100	3/16 in.	5/8 in.	25	Single
158342	300	1/4 in.	1 in.	25	Single

*158340 - Also available in aluminum.

*158341 - Also available in aluminum.



No. 256102

PULLEY – SWIVEL EYE

Made with high grade cast iron swivel eyes and bodies, steel rivets and steel sheaves. Nickel-plated and lacquered for extra rust protection.

ITEM #	STYLE #	ROPE DIAMETER	SHEAVE DIAMETER	STANDARD PACKAGE	STYLE SHEAVE
256101	5	3/8 in.	1-1/4 in.	25	Single
256102	6	3/8 in.	1-1/2 in.	25	Double
256103*	1	3/16 in.	3/4 in.	25	Single
256104*	2	3/16 in.	3/4 in.	25	Double
256105*	3	1/4 in.	1 in.	25	Single
256106	3/0	1/8 in.	1/2 in.	25	Single
256107	4/0	1/8 in.	1/2 in.	25	Double

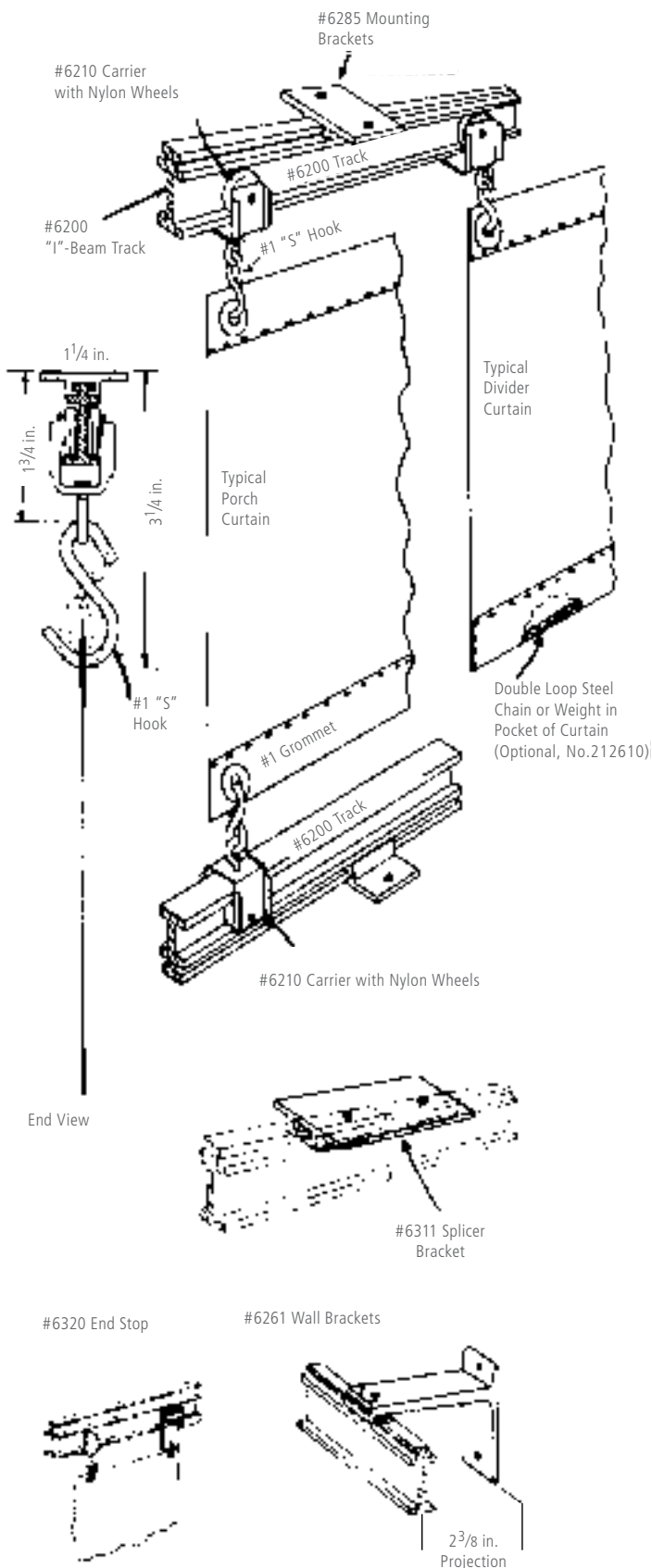
*256103 - Also available in aluminum.

*256104 - Also available in aluminum.

*256105 - Also available in aluminum.



No. 256103



TRACK – LIGHTWEIGHT ALUMINUM TRACK NO. 6200

A versatile, lightweight, aluminum track of sturdy "I" Beam construction. Excellent for installation and operation of any width fabric curtain up to 12 foot high. The streamlined design of this extruded aluminum track provides a sturdy construction and attractive appearance. The track can be bent manually to form curves of any radius greater than 6 inches. Friction-free nylon wheel carriers, normally spaced 12 inches apart, have heavy metal eyes accommodating Trivantage® No. 1 "S" Hooks to secure grommet in curtain to the carrier. For installation, the Trivantage No. 6200 Track is supported by slip-on brackets that are easily mounted to ceiling or wall. Slip-on track splicers and end stops can be easily installed on the job.

Mounting bracket #6285 is for attachment directly to ceiling and should be spaced 2 feet 6 inches to 3 feet apart. Wall mounting bracket #6261 provides 2-3/8 inches of projection from wall and should be spaced 2 feet 6 inches apart.

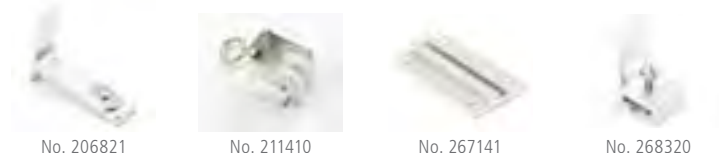
The zinc-plated steel carrier #6210 with zinc-plated steel swivel eye is normally spaced 12 inches apart.

Splicer bracket #6311 slips over top of track and locks two sections together with set screws. End stop #6320 is a slip-on attachment for track ends.

Recommended for interior use only.

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
206815	6285 Part 2-55	Ceiling Mounting Bracket	50
206821	6261 Part 2-55	Wall Mounting Bracket	40
211410	6210 Part 2-67	Carriers with Nylon Wheels	100
267141	6311 Part 2-55	Splicer Bracket	10
268320	6320 Part 2-55	End Stop	20
275621	6200	I-Beam Track 12 ft.	60 ft.

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No. 578164

KEDER RAIL

Aluminum.

ITEM #	STYLE #	BEAD SIZE	LENGTH
578164	48.6025.31.05	17 mm	16.4 ft.
578165	48.6025.31.025	17 mm	8.2 ft.
578166	48.5524.31.05	18 mm	16.4 ft.
578167	48.5524.31.025	18 mm	8.2 ft.



No. 578160



No. 578161



No. 578162



No. 578163

CROCODILE HANGER®

Crocodile Hangers combine the strong sliding and movement features of Ball Hooks with the durability of Bar Sliders. The composition and design allows excellent durability for use in a range of environments.

ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE
578160	35.0927.41	Ball Hook	9 mm	100
578161	35.2727.41	Calott Slider	9 mm	100
578162	35.8027.41.21	Keder Track Roller with Screw Caps	9 mm	100
578163	25.8309.18	Stainless Steel Screws		100

Crocodile Hanger® is a registered trademark of American Keder, Inc.



KEDER – MARINE AND TENT

Keder is designed specifically for use in outdoor tensile structures where strength and resistance to the elements are critical. Made from a unique, heavy-duty polyester fabric welded to a solid PVC cord. It is easy to sew and won't tear out. It easily slides through Flex-A-Rail and various PVC and aluminum tracks.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	SIZE
578103	12.0830.11	Double Tongue	White	110 yd.	8.5 mm
578104	13.0820.11	Welded Tongue	White	110 yd.	8.5 mm
578105	13.0820.19	Welded Tongue	Black	110 yd.	8.5 mm
578106	13.0720.11	Welded Tongue	White	110 yd.	7.5 mm
578107	11.0830.11	Single Tongue	White	110 yd.	8.5 mm
578111	13.0722.19	Welded Tongue	Black	110 yd.	7.5 mm
578125		Half Moon	White	109 yd.	
578126		Half Moon	Black	109 yd.	
578130			White	109 yd.	7.5 mm
578131			Black	109 yd.	7.5 mm
578133	C7420		White	109 yd.	8.5 mm x 20 mm x 2 mm
578134	C7420		Black	109 yd.	8.5 mm x 20 mm x 2 mm
578135			White	218 yd.	13 mm x 40 mm x 20 mm
578136			White with Blackout	218 yd.	13 mm x 40 mm x 20 mm
578137			Panama with Blackout	218 yd.	11 mm x 40 mm x 20 mm
578138			White with Grey Blackout	218 yd.	12 mm x 40 mm x 20 mm

TRACK – STEEL CURTAIN TRACK SYSTEM – 12 GAUGE – ROLLER TRACK

Create privacy and partitions with the Trivantage® line of curtain hardware. This 12 gauge galvanized steel system includes a range of products that suspend and anchor the curtain system, as well as a variety of trolleys that allow the curtains to roll.

ITEM #	STYLE #	DESCRIPTION	GAUGE	LENGTH	MATERIAL
206838	12RT-240	Track	12	20 ft.	Galvanized Steel

Trivantage® is a registered trademark of Glen Raven, Inc.

TRACK – STEEL CURTAIN TRACK SYSTEM – 12 GAUGE – INDUSTRIAL CURTAIN TROLLEY

Create privacy and partitions with the Trivantage® line of curtain hardware. This 12 gauge galvanized steel system includes a range of products that suspend and anchor the curtain system, as well as a variety of trolleys that allow the curtains to roll.

ITEM #	STYLE #	DESCRIPTION	GAUGE
206836	12SR2-1/2(1/4)	Two-Wheel Trolley with Steel Wheels	12
206882	12ST	Four-Wheel Trolley and Steel Wheels	12

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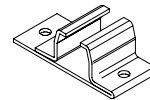
No. 206837

TRACK – STEEL CURTAIN TRACK SYSTEM – 12 GAUGE – TRACK SPLICE

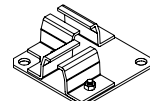
Create privacy and partitions with the Trivantage® line of curtain hardware. This 12 gauge galvanized steel system includes a range of products that suspend and anchor the curtain system, as well as a variety of trolleys that allow the curtains to roll.

ITEM #	STYLE #	DESCRIPTION	GAUGE
206837	12TSWMU	Splice Wall Mount Up 4 in.	12

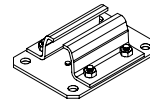
Trivantage® is a registered trademark of Glen Raven, Inc.



No. 206861



No. 206880



No. 206865

TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – CEILING SUPPORT BRACKETS

Create privacy and partitions with the Trivantage® line of curtain hardware. This 16 gauge galvanized steel system includes a range of products that suspend and anchor the curtain system, as well as a variety of trolleys that allow the curtains to roll.

Ceiling support brackets allow the track to be attached before or after the brackets are secured to the ceiling.

ITEM #	STYLE #	DESCRIPTION	GAUGE
206861	16TBC	Ceiling Bracket	16
206865	16TSC	Ceiling Bracket	16
206880	16TBAC	Right Angle Ceiling Bracket	16

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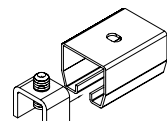


No. 206854

TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – CURVED TRACK

The standard curved track has end connectors for securing to adjacent sections of the roller track. The standard curve has a two-foot 90-degree radius.

ITEM #	DESCRIPTION	GAUGE	STYLE #
206854	Curved Track – 90 degree 2 ft. radius	16	16CT



No. 206856

TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – END STOPS

End stops are used to prevent trolleys from rolling out of the ends of the track system.

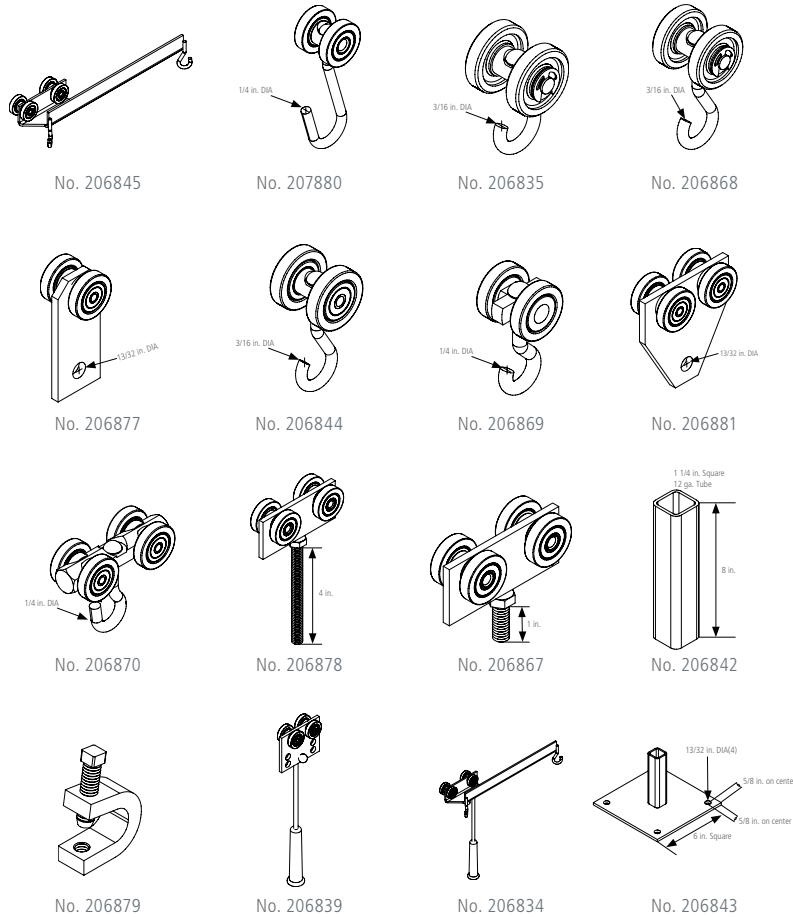
ITEM #	STYLE #	GAUGE
206856	ES	16

TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – INDUSTRIAL CURTAIN TROLLEY

Create privacy and partitions with the Trivantage® line of curtain hardware. This 16 gauge galvanized steel system includes a range of products that suspend and anchor the curtain system, as well as a variety of trolleys that allow the curtains to roll.

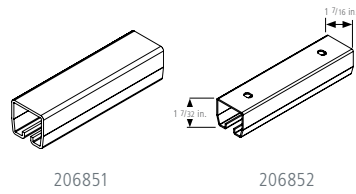
Industrial curtain trolley is designed for larger, heavier curtains.

Two wheel trolleys with bumpers should be used in applications where the wheels of consecutive bumperless trolleys would rub together. In this case, the trolley frame extends beyond the outer portion of the wheel acting as a bumper. When the curtain weight exceeds 100 pounds or the curtain height is over 15 feet, steel ball bearing wheels should be used.



ITEM #	STYLE #	DESCRIPTION
206834	B3491-10	Overlapping Trolley with Steel Wheels and Pull Rope – 10 ft.
206835	16NR-1/2	Two-Wheel Trolley with Nylon Wheels
206839	B3427-10	Trolley with Pull Rope – 10 ft.
206842	A256-8	Floor Column Square – 8 ft.
206843	BS6	Base Plate
206844	16SR1	Two-Wheel Trolley with Steel Wheels
206845	16OT	Four-Wheel Trolley with Overlapping Wheels
206866	16NR1	Two-Wheel Trolley with Nylon Wheels
206867	16STS-4	Four-Wheel Trolley with Bumper and Steel Wheels – 1" Bolt
206868	16NR1B	Two-Wheel Trolley with Bumper and Nylon Wheels
206869	16SR1B	Two-Wheel Trolley with Bumper and Steel Wheels
206870	16ST1	Four-Wheel Trolley and Steel Wheels – 1" Hook
206877	16SR	Two-Wheel Trolley with Rectangular Plate and Steel Wheels
206878	16STS-4	Four-Wheel Trolley with Bumper and Steel Wheels – 4" Bolt
206879	A3120-2	Edge Clip with Nut/Set Screw
206881	16ST	Four-Wheel Trolley with Plate
207880	16SR2-1/2(1/4)	Two-Wheel Trolley with Steel Wheels

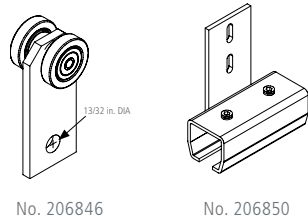
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TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – ROLLER TRACK

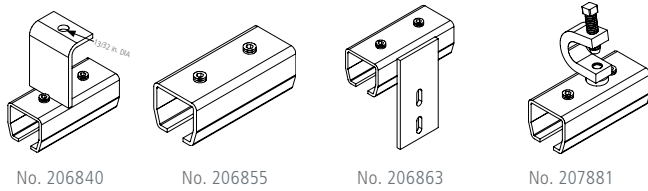
The roller track is roll formed from 16 gauge hot dipped galvanized steel. The trolley wheels roll on the track floor between the outside track wall and the inside safety flange. The ends of the track are punched so that the track splices can lock two adjoining track ends together.

ITEM #	STYLE #	GAUGE	LENGTH	MATERIAL
206851	16RT-120	16	10 ft.	Galvanized Steel
206852	16RT-240	16	20 ft.	Galvanized Steel



TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – COMPONENTS

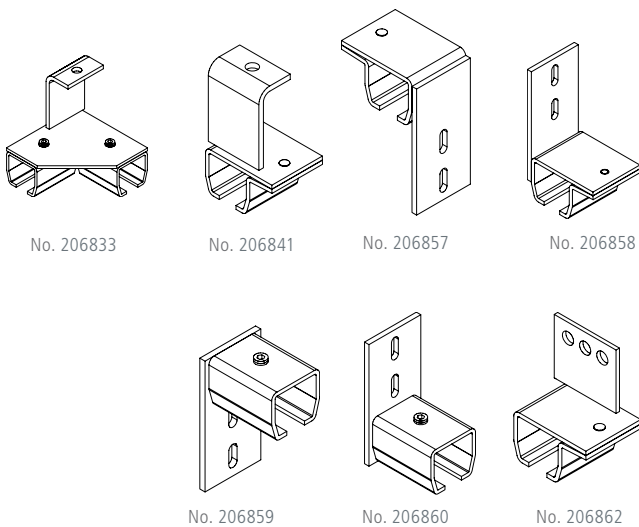
ITEM #	STYLE #	DESCRIPTION
206846	16R-SS	Two-Wheel Trolley with Stainless Steel Wheels
206847	16TS-SS	Splice – 4"
206849	16NRIS	Two-Wheel Trolley with Bumper and Nylon Wheels
206850	16TSWUSS	Splice Wall Mount Up – 4 in.



TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – TRACK SPLICE

The track splice is used to secure two straight sections of track together.

ITEM #	STYLE #	DESCRIPTION	GAUGE	MATERIAL
206840	16TSTR	Splice with Angle Bracket	16	Galvanized Steel
206855	16TS	Splice – 4 in.	16	Galvanized Steel
206863	16TSWMD	Splice Wall Mount Down – 4 in.	16	Galvanized Steel
206864	16TSWMU	Splice Wall Mount Up – 4 in.	16	Galvanized Steel
207881	16TSEC	Edge Clamp	16	Galvanized Steel



TRACK – STEEL CURTAIN TRACK SYSTEM – 16 GAUGE – WALL MOUNT AND END MOUNT BRACKETS

Wall mount and end mount brackets are used when the track system is running adjacent to a wall.

ITEM #	STYLE #	DESCRIPTION	GAUGE
206833	16TBATR	Right Angle Threaded Rod Bracket	16
206841	16TBTR	Threaded Rod Bracket	16
206848	A1422-1	Support Clamp	16
206857	16TBWMD	Wall Mount Down	16
206858	16TBWMU	Wall Mount Down	16
206859	16EMD	End Mount Down	16
206860	16EMU	End Mount Down	16
206862	16TBV	Vertical Bracket	16



No. 260981

PORCELAIN RINGS

Porcelain Rings are manufactured with a strong and smooth finish for longer rope life. Gray color. Use clips shown below for suspending rings.

ITEM #	STYLE #	APPROXIMATE INSIDE DIAMETER	APPROXIMATE OUTSIDE DIAMETER	COLOR	SIZE	STANDARD PACKAGE
260981	1	3/4 in.	1-5/8 in.	Gray	Small	25
260982	2	1 in.	2 in.	Gray	Medium	25



No. 117201

RING CLIPS

ITEM #	STYLE #	FINISH	STANDARD PACKAGE	TYPE
117201	2	Plated Steel	25	Standard
117203	1	Plated Steel	25	Heavy
117205	3	Stainless Steel	25	



No. 212610

CHAIN – DOUBLE LOOP STEEL

This galvanized steel chain is ideal for application in awning curtain pockets as a “weight” to prevent curtain from flapping in the wind. Also, practical for supporting “hanging canopies” and “stationary awnings”, or as a chain lift on slide rod awnings, etc. Flexible and strongly made, heavy and of rigid galvanized steel wire.

ITEM #	STYLE #	STANDARD PACKAGE
212610	1/0	100 ft.



No. 214201

CLEAT – AWNING

These rope cleats offer strong and durable design for outdoor use. For use on wood. Also available in aluminum.

ITEM #	STYLE #	LENGTH	MATERIAL	NUMBER OF HOLES	STANDARD PACKAGE	USED WITH
214201	1	4-1/2 in.	Die-cast zinc	2	25	No. 8 wood screw
214202	2	6 in.	Die-cast zinc	2	25	No. 10 wood screw
266676	2	6 in.	Die-cast zinc	2	100	No. 10 wood screw



No. 249614

CURTAIN LOOP – SHOWER/BATH

Nickel plated steel.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
249614	30570	1 in.	25



No. 294650

HOOK – ROLLER

For attaching a roller curtain to pipe, or tubing. Can be used for underneath an awning or canopy, or in a stand-alone application.

ITEM #	STYLE #	SIZE OPENING	STANDARD PACKAGE
294650	101	3/4 in. or 1 in. pipe	25



No. 223680

DISC AND PRONG

Brass discs and prongs with slightly larger dimensions. One set includes two discs and one prong.



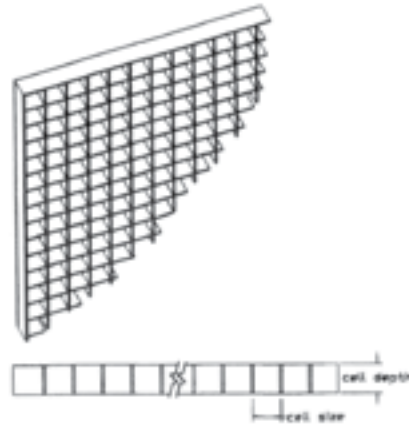
No. 223687

ITEM #	DESCRIPTION	MATERIAL	STANDARD PACKAGE
223680	Prong	Brass	500
223687	Disc	Brass	1000

FLUORESCENT EGGCRATE LOUVERS

Eggcrate louvers have a perimeter which allows continuous appearance mounting by overlapping factory edges. UV resistant. **Sold by full case only.**

ITEM #	STYLE #	CELL SIZE	COLOR	MATERIAL	STANDARD PACKAGE
249700	10	1/2 in. x 1/2 in. x 1/2 in.	White	Acrylic	10
249705	14	1/2 in. x 1/2 in. x 3/8 in.	White	Acrylic	15
249710	20	1/2 in. x 1/2 in. x 1/2 in.	White	Styrene	10
249720	24	1/2 in. x 1/2 in. x 3/8 in.	White	Styrene	15



Eggcrate louvers have a perimeter which allows continuous appearance mounting by overlapping factory edges.



No. 107601

BRACKET – Z

Awning frames can easily be mounted with these brackets. Made from 3/16 inch hot rolled steel, they are supplied plated, or plain (for applications requiring painting). Two holes spaced equally for lagging into mortar are provided to secure bracket to wall. There is also a 3/16 inch hole to accommodate a Teks® screw for fastening the frame. Will accommodate a 3/8 inch lag screw.



No. 107610



No. 239954



No. 239955

ITEM #	STYLE #	FINISH	LENGTH	SQUARE TUBE SIZE	ROUND TUBE SIZE	STANDARD PACKAGE	TYPE
107601	#2	Plain	4-3/4 in.	1 in.	1.050 in.	25	Medium
107602	#2	Plated	4-3/4 in.	1 in.	1.050 in.	25	Medium
107606	#1	Plated	4-1/2 in.	3/4 in.	0.840 in.	25	Small
107609	#0	Plain	2-1/8 in.	1 in.	1.050 in.	25	Mini
107610	#0	Plated	2-1/8 in.	1 in.	1.050 in.	25	Mini
107615	#3	Plain	4-13/16 in.	1-1/4 in.	1.315 in.	25	Large
107616	#3	Plated	4-13/16 in.	1-1/4 in.	1.315 in.	25	Large
206810*		Plated	2-1/16 in.	1 in.	1.029 in.	25	
239954		Zinc Plated		1 in. small		25	
239955		Zinc Plated		1 in. large		25	

*206810 - Made from high tensile cold rolled steel, zinc plated, 1-1/2 inch wide.

Teks® is a registered trademark of Illinois Tool Works, Inc.



No. 107375

BRACKET – JOINING

Frame joining brackets allow covered frame sections to be easily joined together without obvious and unsightly joints. Adjoining modular frame sections of different or identical heights, depths, and shapes will appear as one continuous awning when installed.

ITEM #	SIZE	STANDARD PACKAGE
107375	2 in.	25
239956	2 in.	25



No. 107630

BRACKET – L

Made from 3/16 inch hot rolled steel. Two holes spaced equally for lagging into mortar are provided to secure bracket to wall. There is also a 3/16 inch hole to accommodate a Teks® screw for fastening the frame. Will accommodate a 3/8 inch lag screw.

ITEM #	STYLE #	FINISH	LENGTH	SQUARE TUBE SIZE	STANDARD PACKAGE	TYPE
107630	#10	Plated	1-9/32 in.	1 in. or 3/4 in.	25	Large

Teks® is a registered trademark of Illinois Tool Works, Inc.



HEAD ROD – ELECTRO-GALVANIZED

In the bending process of making awning frames, this awning iron will not break when bent to right angles. The zinc plating will not chip or flake off during bending. Drawn to full sizes, the iron threads easily and exactly for perfect fitting with pipe-threaded frame fixtures. Also used for lacing and tie down bars, and in conjunction with head rod molding.

ITEM #	DIAMETER	LENGTH	NUMBER OF PIECES PER BUNDLE	WEIGHT PER BUNDLE	WEIGHT PER FOOT
244516	3/8 in.	20 ft.	17	128 lbs.	0.38 lbs.
244518	1/2 in.	20 ft.	12	160 lbs.	0.67 lbs.
244520	5/8 in.	20 ft.	5	105 lbs.	1.04 lbs.

HEAD ROD – FIBERGLASS

ITEM #	COLOR	NUMBER OF PIECES PER BUNDLE	SIZE	STANDARD PACKAGE
244616	White	5	3/8 in. x 20 ft.	100 ft. bundle
244625	White	15	1/2 in. x 20 ft.	300 ft. bundle



No. 555 180° open molding

MOLDING – ALUMINUM AWNING

A fast and easy way to install covers. Mill finish, all-aluminum molding that remains in place all year. 6063-T6 aluminum. Cover slides into place easily. 1/4 inch rope is sewn into hem at top of cover. Then, the rope-filled hem slips into the channel of the molding. Allows for easy installation and removal. PE Tubing, Vinyl Welt, or 8.5 m Keder Welt can also be used.



No. 555 90° open molding

Product is also commonly known as “trailer” molding.

No. 555 Moldings are lighter in weight than No. 777, and are flexible enough to form and bend to varying shapes. Recessed mounting face conforms readily to uneven surfaces.



No. 555 curved molding



No. 777 molding

ITEM #	STYLE #	DEGREE OF CHANNEL	LENGTH	OVERALL HEIGHT	ROPE SIZE	STANDARD PACKAGE	THICKNESS	WEIGHT PER CARTON	WEIGHT PER FOOT
251001	555	90 degrees	20 ft.	1-1/8 in.	1/4 in. in hem	35/carton	3/64 in.	78 lbs.	0.112 lbs.
251007	555	180 degrees	8 ft.	1-1/8 in.	1/4 in. in hem	72 ft.	3/64 in.	9 lbs.	0.123 lbs.
251008	555	180 degrees	18 ft.	1-1/8 in.	1/4 in. in hem	216 ft.	3/64 in.	27 lbs.	0.123 lbs.
251009	555	90 degrees	8 ft.	1-1/8 in.	1/4 in. in hem	72 ft.	3/64 in.	9 lbs.	0.124 lbs.
251010	555 Curved	90 degrees	18 ft.	1-1/8 in.	1/4 in. in hem	216 ft.	3/64 in.	27 lbs.	0.124 lbs.
251011	555 Curved	90 degrees	8 ft.	1-1/8 in.	1/4 in. in hem	72 ft.	3/64 in.	10 lbs.	0.140 lbs.
251012	555	90 degrees	18 ft.	1-1/8 in.	1/4 in. in hem	216 ft.	3/64 in.	30 lbs.	0.140 lbs.
251017	777	45 degrees	8 ft.	1-1/4 in.	1/4 in. in hem	72 ft.	3/64 in.	12 lbs.	0.160 lbs.
251018	777	45 degrees	18 ft.	1-1/4 in.	1/4 in. in hem	216 ft.	3/64 in.	35 lbs.	0.160 lbs.
275812	555	90 degrees	20 ft.	1-1/8 in.	1/4 in. in hem	600 ft.	3/64 in.		
275813	555	180 degrees	20 ft.	1-1/8 in.	1/4 in. in hem	600 ft.	3/64 in.		

MOLDING – ALUMINUM AWNING – BRIGHT DIPPED

Bright dipped anodized aluminum.

ITEM #	STYLE #	DESCRIPTION	DEGREE OF CHANNEL	FINISH	LENGTH	STANDARD PACKAGE	WEIGHT PER FOOT
251050	A15	Molding	135 degrees	Bright Dipped Anodized	16 ft.	400 ft.	0.12 lbs.



No. 578002

WELTING – VINYL

Use in place of rope headers on awnings that attach to motor homes, travel trailers, campers and other recreational vehicles. Can be used in conjunction with aluminum awning molding or with the extruded channel already provided by many of the RV manufacturers.

ITEM #	STYLE #	COLOR	PUT UP	SIZE
578001	A02-002	White	300 ft.	31/32 in. with 5/16 in. bead
578002	A02-004	Black	300 ft.	31/32 in. with 5/16 in. bead
578098	6022	Black	100 ft.	31/32 in. with 5/16 in. bead



No. 265755



No. 265756

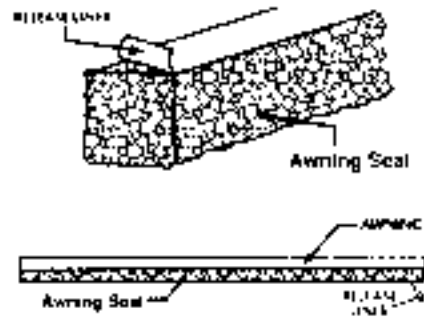


No. 265757

EMSEAL UST AWNING/SIGN SEALANT TAPE

Why spend time caulking behind awning frames and suffer the frustration of messy jobs, dripped caulk and caulking in bad weather, when all you have to do is apply Awning Foam Sealant to the frame before it's hoisted on the wall?

Available in dimensions to fit most building surfaces, this self-expanding polyester polyurethane foam is filled with water-based stabilized acrylics and will not dry out, shrink or deteriorate when compressed and properly installed. Just peel off the release liner and apply the adhesive side to the back of the awning. This is a continuous seal that is easy to install at ground level, thus providing a safer and more efficient installation atmosphere.



ITEM #	BUILDING SURFACE	SIZE	STANDARD PACKAGE
265755	Stucco, Block, Brick	5/32 in. x 5/8 in. x 26.24 ft.	1050 ft., 40 rolls/case
265756	Split Block	11/32 in. x 3/4 in. x 13.12 ft.	394 ft., 30 rolls/case
265757	Commercial Grade Corrugated Metal	5/16 in. x 3/4 in. x 13.12 ft.	420 ft., 32 rolls/case



No. 578054

XTREME SEAL® AWNING SEAL

Awning installations are a breeze with Xtreme Seal Awning Seal. Designed for the awning industry as a gasket material between the frame and the mounting surface, Xtreme Seal Awning Seal conforms to the contour of the mounting surface, eliminating the need for silicone and providing a clean finished product. Made of EPDM material, Xtreme Seal Awning Seal also features an adhesive back, saving time and making mounting easy.

ITEM #	STYLE #	COLOR	PUT UP
578054	POD-AW	Black	250 ft.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



No. 515500

TUBING “PE” – LOW-DENSITY POLYETHYLENE

Polyethylene tubing for use in the head of awnings, and for marine and tonneau covers when using aluminum awning rail. Will not rot, absorb water, shrink, or unravel.

ITEM #	STYLE #	PUT UP	SIZE
515498	A02-007	1000 ft.	3/16 in. OD x 1/8 in. ID
515500	A02-005	1000 ft.	1/4 in. OD x 1/8 in. ID
578095	PEH8321000-6-SP	1000 ft.	1/4 in. OD x 1/8 in. ID

MOLDING – HEAD ROD MOLDING NO. 35/37



No. 117139



No. 124538



No. 124540

For installations at the head of stationary or patio awnings and for installation and adjustment of the rafters of patio awnings. Extruded from 6063-T6 aluminum - mill finish.

Nos. 35 and 37 Head Rod Moldings are designed for use with a 1/2 inch diameter conventional head rod to eliminate the awkward job of threading a rope-filled hem through a slot in the molding. The head rod is merely placed in position and finger clips are tightened to hold the head of the awning under the rainproof lip of the molding. The finger clips ride in a track in the molding and can be adjusted to move laterally right or left.

The advantage of this system is that rafters can be placed precisely, even if the surface is uneven or the mounting supports are not located where the rafters should be, because once the molding is mounted, the rafters can be slid to their proper location.

Recommended rafter spacing is 1 1/2 feet in from each side, and then 3 feet to 4 feet centers depending on projection (the longer the rafters, the less the spacing). Awning rafters are attached to special jaw ends that are mounted in a track in the lower side of the molding. The jaw ends can be moved laterally to adjust the rafter width. This is done by turning or tightening the jaw end, which is

fitted with a carriage bolt to ride in the same track as the finger clip.

The molding itself is designed so that a bead of caulking compound can be applied to the top length of the molding to prevent water from leaking behind the molding and down the wall.

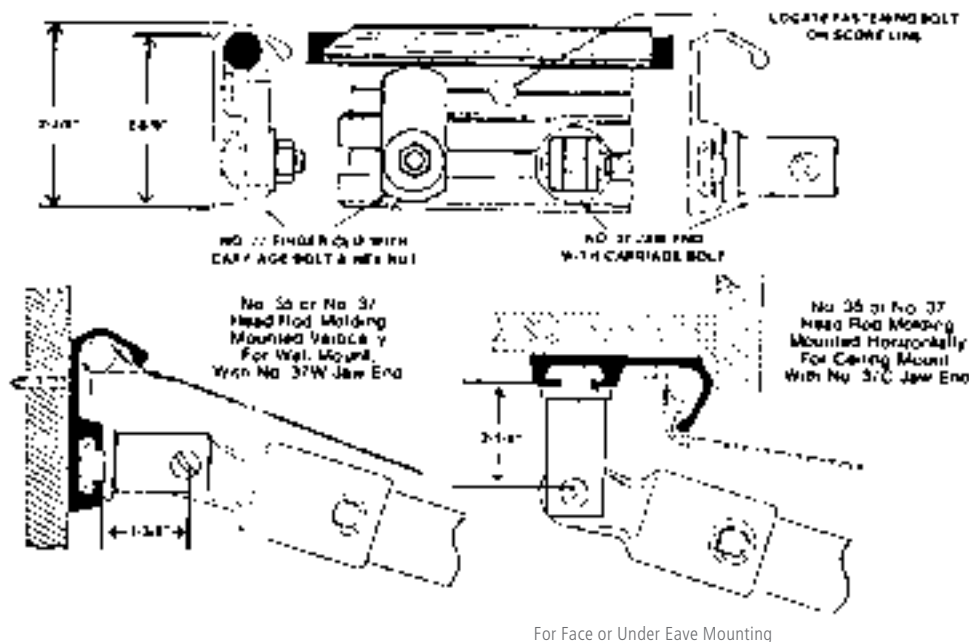
The No. 35 Molding has the same basic design as the No. 37, but is 25% lighter in weight, with approximately 90% of the No. 37's strength. The No. 37 Finger Clip, No. 37W Jaw End and 1/2 inch Head Rod Clamp can be used with the No. 35 Molding without alteration.

ITEM #	STYLE #	DESCRIPTION	LENGTH	SIZE OUTSIDE DIAMETER	STANDARD PACKAGE	WEIGHT	WEIGHT PER FOOT
117139*	37	Finger clip assembly. Stainless steel carriage bolt, machine screw, hex nut and washers.			25		
124538*	37C	Jaw end with plated steel carriage bolt, machine screw, hex nut and washers.			25		
124540*	37W	Jaw end with stainless steel carriage bolt, machine screw, hex nut and washers.			25		
251032	37JB	Molding	20 ft.		8 pieces/160 ft.		0.640 lbs.
251033	35JB	Molding	20 ft.				
251034	37	Molding	8 ft.		72 ft.	61 lbs.	
251037	37	Molding	12 ft.		144 ft.	123 lbs.	
251039	37	Molding	20 ft.		160 ft.	137 lbs.	
251044	35	Molding	8 ft.		72 ft.	48 lbs.	
251049	35	Molding	20 ft.		160 ft.	107 lbs.	
251061	37WJB	Jaw End			25		
251100		Flat Bar	16 ft.	1 in. x 1/8 in.	320 ft.	41 lbs.	

*117139 - Finger clip assembly. Stainless steel carriage bolt, machine screw, hex nut and washers.

*124538 - Jaw end with plated steel carriage bolt, machine screw, hex nut and washers.

*124540 - Jaw end with stainless steel carriage bolt, machine screw, hex nut and washers.



For Face or Under Eave Mounting

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 238015

MOLDING – DIETZ HEAD ROD MOLDING

Dietz Headrail is a lightweight, continuous head and rafter holder extruded from 6063-T6 mill finish aluminum designed to provide easy, leakproof installations that combine strength, attractiveness, and economy. The need for a headerboard is eliminated.

The trailer molding-type opening eliminates the need for iron and provides an easy method for sliding the fabric through the molding. Conventional 1/4 inch rope or tubing is recommended for sewing in the head.

Cast aluminum alloy hinges are inserted with a simple quarter turn. It is not necessary to insert hinges from the end, which allows for easy installation of extra rafters.

Two grooves to facilitate drilling are strategically placed to offset thrust of frame and shrinkage of canvas, as well as allow ample clearance for 3/8 inch lag bolts or keystone anchors for brick installations.



ITEM #	STYLE #	LENGTH	STANDARD PACKAGE
237250	60	12 ft.	25
238015*	51		25

*238015 - Includes nut and 1/4 inch bolt.



TUBING – ALUMINUM SQUARE AND RECTANGULAR

Square and rectangular 6063-T6 extruded mill finish aluminum tubing for awning framing and sign boxes. Both forms are lightweight, and corrosion resistant, offering the best combination of strength, bending and welding characteristics.

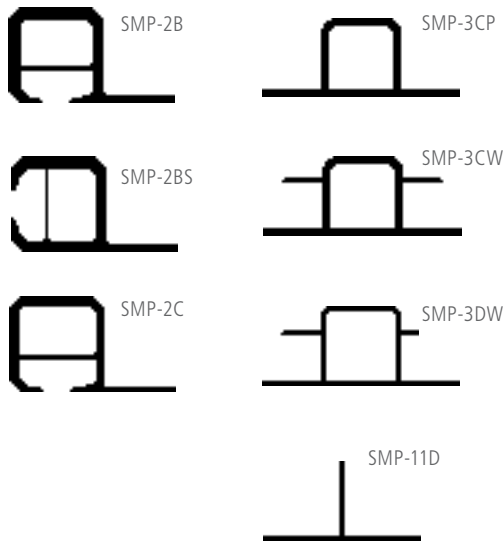
ITEM #	LENGTH	SIZE	STANDARD PACKAGE	WEIGHT PER FOOT
275820*	20 ft.	1 in. x 1 in. x 0.100	400 pc master	0.442 lbs.
275821	20 ft.	1 in. x 1 in. x 0.125	400 pc master	0.491 lbs.
275823	20 ft.	1 in. x 2 in. x 0.125	180 pc master	0.826 lbs.
275824	20 ft.	1 in. x 2 in. x 0.060	180 pc master, 20 pc hand bundles, inside master	0.416 lbs.
275826*	24 ft.	1 in. x 1 in. x 0.125	400 pc master	0.491 lbs.
275831*	25 ft.	1 in. x 1 in. x 0.100	240 pc master	0.442 lbs.
275900	20 ft.	1 in. x 1 in. x 0.060	15	
275902	24 ft.	1 in. x 1 in. x 0.060	12	
275905	20 ft.	1 in. x 1 in. x 0.125	15	
275907	24 ft.	1 in. x 1 in. x 0.125	12	
275910	20 ft.	1 in. x 2 in. x 0.125	15	
275911	20 ft.	1 in. x 2 in. x 0.060	15	
275913	20 ft.	2 in. x 2 in. x 0.125	15	

*275820 - Paper layer.

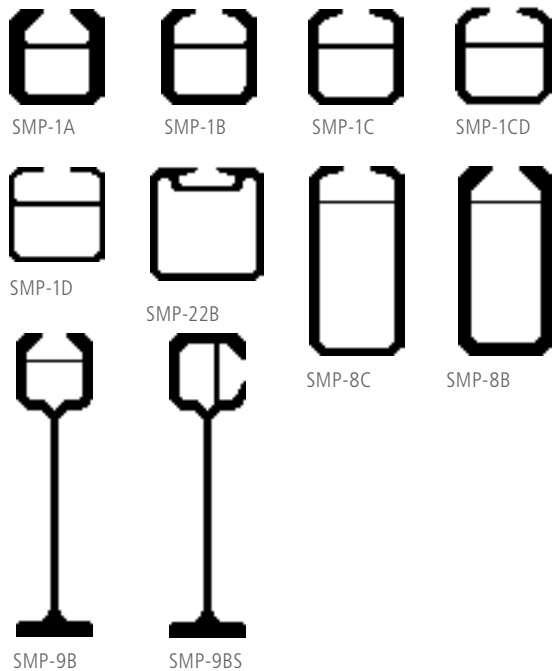
*275826 - Paper layer, cardboard surround.

*275831 - Paper layer, cardboard surround.

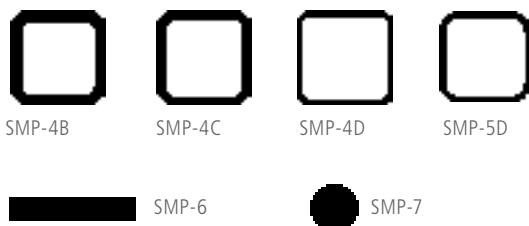
Ceiling Panel Support Members



Channeled Stapling Members



Support Members

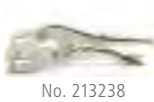


STEEL STITCH™ SYSTEMS EXTRUSIONS ALUMINUM

The Steel Stitch System offers flexibility in design and fabrication of interior and exterior awnings, canopies and back-lit signs. The aluminum alloy 6063-T5 mill finish frame system utilizes the “staple-in” method of attaching fabric, which is taken directly from the roll and stapled into a channel in the frame. A PVC finishing trim, in a choice of 30 colors plus Crystal Clear, is then driven into the channel to cover the staples. With the use of divider strips to join sections and the exclusive, patented FlashStrip®, which forms a watertight seal against building surfaces, the result is an attractive, seamless and wrinkle-free awning, canopy or sign.

ITEM #	STYLE #	DESCRIPTION	FEET PER BUNDLE	LENGTH	SIZE
250050	SMP-1A	Tube	250 ft.	25 ft.	1 in. x 1 in. x 3/16 in.
250052	SMP-1B	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/8 in.
250054	SMP-1C	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/10 in.
250055	SMP-1CD	Tube	250 ft.	25 ft.	1 in. x 1 in. x 0.090 in.
250056	SMP-1D	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/16 in.
250058	SMP-2B	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/8 in.
250060	SMP-2BS	Tube	200 ft.	20 ft.	1 in. x 1-3/4 in. x 1/8 in.
250062	SMP-2BS	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/8 in.
250064	SMP-2C	Tube	250 ft.	25 ft.	1 in. x 1-3/4 in. x 1/10 in.
250068	SMP-3CP	Tube	200 ft.	20 ft.	1 in. x 2-1/2 in. x 1/10 in.
250070	SMP-3CW	Tube	200 ft.	20 ft.	1 in. x 2-1/2 in. x 1/10 in.
250074	SMP-4B	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/8 in.
250076	SMP-4C	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/10 in.
250078	SMP-4C	Tube	250 ft.	25 ft.	1 in. x 1 in. x 1/10 in.
250080	SMP-4D	Tube	200 ft.	20 ft.	1 in. x 1 in. x 1/16 in.
250082	SMP-5D	Tube	200 ft.	20 ft.	7/8 in. x 7/8 in. x 1/16 in.
250084	SMP-6	Aluminum Bar	200 ft.	20 ft.	1 in. x 3/16 in.
250086	SMP-7	Aluminum Rod	200 ft.	20 ft.	1/2 in. OD
250088	SMP-8B	Tube	200 ft.	20 ft.	1 in. x 2 in. x 1/8 in.
250090	SMP-8B	Tube	250 ft.	25 ft.	1 in. x 2 in. x 1/8 in.
250091	SMP-8C	Tube	250 ft.	25 ft.	1 in. x 2 in. x 1/10 in.
250092	SMP-9B	Tube	250 ft.	25 ft.	1 in. x 4 in. x 1/8 in.
250094	SMP-9BS	Tube	250 ft.	25 ft.	1 in. x 4 in. x 1/8 in.
250096	SMP-10B	Tube	250 ft.	25 ft.	4 in. OD x 1/8 in.
250097	SMP-15B	Tube	150 ft.	25 ft.	1-1/2 in. x 1-1/2 in. x 1/8 in.
250098	SMP-11D	Tube	200 ft.	20 ft.	7/8 in. x 1-3/4 in. x 1/16 in.
250099	SMP-22B	Tube	150 ft.	25 ft.	2 in. x 2 in. x 1/8 in.
250255	SMP-503	Tube	120 (mill)	20 ft.	2 in. x 2 in. x 1/8 in.
275908	SMP-502	Tube	80 (mill)	20 ft.	1-1/2 in. x 1-1/2 in. x 1/8 in.

Steel Stitch™ is a trademark of Steel Stitch Corporation. FlashStrip® is a registered trademark of Steel Stitch Corporation.



CLAMP – LOCKING WELDER’S

Unique “U” shape throat allows odd sized materials to be clamped together. Compound action for powerful non-slip locking grip. Convenient, quick, one-hand release lever.

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
213238	586-9R	9 in. Locking Clamp Vise (Plated)	1

GATORSTITCH™

GatorStitch is a superior strength frame tubing product that incorporates an aluminum stapling web embedded within a 1 inch galvanized steel tube. Like the Steel Stitch™ system, fabric is stapled into a channel of the GatorStitch frame, resulting in an attractive, seamless and wrinkle-free, drum-tight awning or sign.

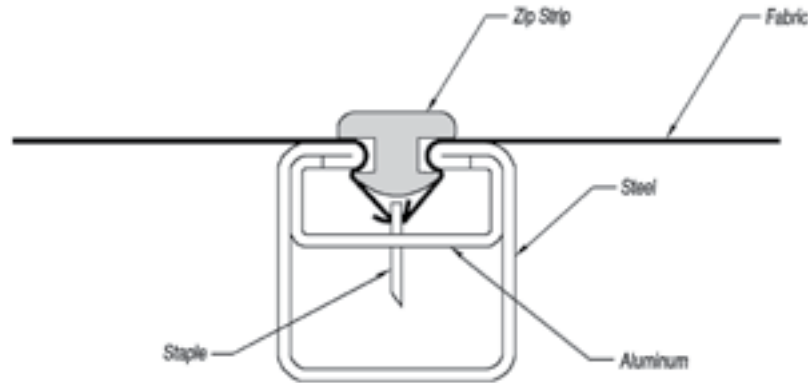
Use this Steel Stitch product like you would the aluminum framing system with the same tools, pvc trim, and covering techniques. Save money on your material cost due to the superior strength and lower cost of steel. GatorStitch is fabricator-friendly and works with any awning or flex-face sign fabric, including woven acrylics, laminated and coated vinyls, polyester blends, and open mesh weaves. Fabric wear is reduced because of the systems fabric-to-frame attachment points. GatorStitch is 1 inch square and made of 18 gauge high strength steel having a maximum yield strength of 50,000 psi and tensile strength of 55,000 psi. Weld to existing steel for retrofits or large structures. Meet project specifications that call for steel framing.

Bending GatorStitch

GatorStitch can be bent with the stapling channel facing out using a standard 3-wheel roller bender. The minimum possible radius varies by machine and can be reduced by bending gradually in multiple passes.

GatorStitch Corrosion Protection

A triple layer of zinc, conversion coating, and clear epoxy protects the inside and outside surfaces of the steel and act as a barrier between the steel and the aluminum insert.



ITEM #	APPROXIMATE WEIGHT PER PIECE	FEET PER BUNDLE	GAUGE	LBS PER FOOT	LENGTH	PIECES PER BUNDLE	SHAPE	SIZE OUTSIDE DIAMETER	WEIGHT PER BUNDLE
276150	13.8 lbs.	1200 ft.	18	0.6891 lbs.	20 ft.	60	Square	1 in.	833 lbs.

Gatorstitch™ is a trademark of Allied Tube & Conduit Corporation. Steel Stitch™ is a trademark of Steel Stitch Corporation.



No. 250046

STEEL STITCH™ STAPLE-IN TUBE FOR MARINE APPLICATIONS

Exclusively from Trivantage®, this Round Staple-in Tube is bright dip anodized for a polished look and maximum corrosion resistance, making it ideal for biminis, boat tops and other marine applications.

This 1-1/4 inch round tube's staple-in channel opening is the same width as all Steel Stitch extrusions, ensuring compatibility with both Steel Stitch Fabric and PVC ZipStrip®.

The tube has similar strength characteristics to 1-1/4 inch diameter, 16 gauge stainless steel and 1-1/4 inch diameter, 1/8 inch sidewall aluminum, so you can create your boat tops without worry. The tube can be bent by three wheel roller benders to a radius of approximately 12 inches. (Requires dies wide enough for the 1-1/4 inch diameter).

Each tube is 25 feet in length, and available in 250 foot bundles. Shipping weight is 18.25 pounds per piece.

ITEM #	STYLE #	FEET PER BUNDLE
250046	9125RBA	250 ft.

Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation. Trivantage® is a registered trademark of Glen Raven, Inc.



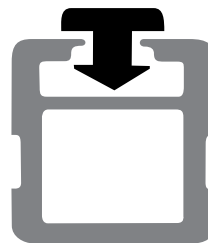
No. 249917

STEEL STITCH™ ZIPSTRIP®

Designed to cover the staples once the fabric has been stapled into position. Product is driven into the open channel using an air hammer.

ITEM #	COLOR	COLOR NUMBER	PUT UP
249901	White	01	400 ft. rolls
249902	Black	02	400 ft. rolls
249903	Gray	03	400 ft. rolls
249904	Cream	04	400 ft. rolls
249905	Beige	05	400 ft. rolls
249906	Brown	06	400 ft. rolls
249910	Plum	10	400 ft. rolls
249911	Burgundy	11	400 ft. rolls
249912	Rouge Red	12	400 ft. rolls
249913	Dark Blue	13	400 ft. rolls
249914	Medium Blue	14	400 ft. rolls
249916	Aquamarine	16	400 ft. rolls
249917	Grass Green	17	400 ft. rolls
249918	Dark Green	18	400 ft. rolls
249919	Yellow	19	400 ft. rolls
249920	Pumpkin	20	400 ft. rolls
249921	Terra Cotta	21	400 ft. rolls
249922	Linen	22	400 ft. rolls
249923	Deep Red	23	400 ft. rolls
249924	Bright Red	24	400 ft. rolls
249925	Royal Blue	25	400 ft. rolls
249926	Bright Blue	26	400 ft. rolls
249927	Teal	27	400 ft. rolls
249928	Turquoise	28	400 ft. rolls
249929	Golden Yellow	29	400 ft. rolls
249930	Bright Orange	30	400 ft. rolls
249931	Crystal Clear	31	400 ft. rolls
249933	Violet	32	400 ft. rolls
249934	Bordeaux	33	400 ft. rolls
249935	Magenta	34	400 ft. rolls
250301	White	01	150 ft. rolls

ITEM #	COLOR	COLOR NUMBER	PUT UP
250302	Black	02	150 ft. rolls
250303	Grey	03	150 ft. rolls
250304	Cream	04	150 ft. rolls
250305	Beige	05	150 ft. rolls
250306	Brown	06	150 ft. rolls
250310	Plum	10	150 ft. rolls
250311	Burgundy	11	150 ft. rolls
250312	Rouge Red	12	150 ft. rolls
250313	Dark Blue	13	150 ft. rolls
250318	Dark Green	18	150 ft. rolls
250319	Yellow	19	150 ft. rolls
250321	Terra Cotta	21	150 ft. rolls
250322	Linen	22	150 ft. rolls
250323	Deep Red	23	150 ft. rolls
250324	Bright Red	24	150 ft. rolls
250325	Royal Blue	25	150 ft. rolls
250329	Golden Yellow	29	150 ft. rolls
250331	Crystal Clear	31	150 ft. rolls
250332	Violet	32	150 ft. rolls
250333	Bordeaux	33	150 ft. rolls



Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation.



No. 249879



No. 249873

STEEL STITCH™ ZIPSTRIP® – SUNBRELLA® FABRIC

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Sunbrella acrylic fabrics that completely conceal the PVC material. A durable lockstitch double seam holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

ITEM #	COLOR	COLOR NUMBER
249871	Pacific Blue	6001
249873	Jockey Red	6003
249875	Persian Green	6043
249876	Navy	6026
249877	Black Cherry	6040
249878	Black	6008
249879	Beige	6020
249880	True Brown	6021
249881	Terra Cotta	6022
249882	Toast	6028
249890	Cadet Grey	6030
249891	Burgundy	6031
249893	Linen	6033
249894	Forest Green	6037
249895	Seagrass Green	6045
249896	Captain Navy	6046
249897	Oyster	6042
249899	Alpine	6055

Steel Stitch™ is a trademark of Steel Stitch Corporation. ZipStrip® is a registered trademark of Steel Stitch Corporation. Sunbrella® is a registered trademark of Glen Raven, Inc.



No. 249836

STEEL STITCH™ ZIPSTRIP® – FIRESIST® FABRIC

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Firesist fabrics that completely conceal the PVC material. A durable lockstitch double seam holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

ITEM #	COLOR	COLOR NUMBER
249831	Regatta	82000
249832	Forest Green Tweed	82002
249833	Forest Green	82003
249834	Regatta Tweed	82005
249835	Sand	82006
249836	Black	82008
249837	Admiral Navy	82010
249838	Toast Beige	82012
249839	Sunburst Yellow	82013
249844	Burgundy	82016
249845	Crimson	82017

ZipStrip® is a registered trademark of Steel Stitch Corp. Firesist® is a registered trademark of Glen Raven, Inc.



No. 249811

STEEL STITCH™ ZIPSTRIP® – SUNBRELLA® FABRIC WITH TENARA® THREAD

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Sunbrella acrylic fabrics that completely conceal the PVC material. A durable lockstitch double seam of Tenara thread holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

ITEM #	COLOR	COLOR NUMBER
249808	Charcoal Gray	4644
249809	Taupe	4648
249810	Pacific Blue	4601
249811	Jockey Red	4603
249813	Black	4608
249814	Terra Cotta	4622
249815	Toast	4628
249816	Burgundy	4631
249817	Linen	4633
249818	Forest Green	4637
249819	Captain Navy	4646
249820	Navy	4626
249821	Cadet Grey	4630
249822	Oyster	4642
249823	Seagrass Green	4645
249824	Brown	4621
249825	Beige	4620
249827	Medium Blue	4652
249829	Heather Beige	4672

ZipStrip® is a registered trademark of Steel Stitch Corp. Sunbrella® is a registered trademark of Glen Raven, Inc. Tenara® is a registered trademark of W.L. Gore & Associates, Inc.



No. 249855

STEEL STITCH™ ZIPSTRIP® – FIRESIST® FABRIC WITH TENARA® THREAD

This fabric covered PVC staple channel trim creates a traditional finish on woven canvas awnings and canopies. Fabric covered ZipStrip is made with Firesist fabrics that completely conceal the PVC material. A durable lockstitch double seam of Tenara thread holds the fabric securely in place for years of attractive performance. Custom colors and fabrics are available.

ITEM #	COLOR	COLOR NUMBER
249851	Regatta	82000
249852	Forest Green Tweed	82002
249853	Forest Green	82003
249854	Regatta Tweed	82005
249855	Sand	82006
249856	Black	82008
249857	Admiral Navy	82010
249858	Toast Beige	82012
249859	Sunburst Yellow	82013
249864	Burgundy	82016
249865	Crimson	82017

ZipStrip® is a registered trademark of Steel Stitch Corp. Firesist® is a registered trademark of Glen Raven, Inc. Tenara® is a registered trademark of W.L. Gore & Associates, Inc.



STEEL STITCH™ DIVIDERSTRIP®

Enables joining of awning and canopy modules on the job site.



No. 249981

ITEM #	COLOR	COLOR NUMBER	PUT UP
249951	White	01	200 ft. rolls
249952	Black	02	200 ft. rolls
249954	Cream	04	200 ft. rolls
249961	Burgundy	11	200 ft. rolls
249962	Rogue Red	12	200 ft. rolls
249964	Medium Blue	14	200 ft. rolls
249966	Aquamarine	16	200 ft. rolls
249968	Dark Green	18	200 ft. rolls
249981	Crystal Clear	31	200 ft. rolls

Steel Stitch™ is a trademark of Steel Stitch Corporation. DividerStrip® is a registered trademark of Steel Stitch Corporation.



STEEL STITCH™ FLASHSTRIP®

Driven into the back bar to create a secure seal against virtually any building surface. Eliminate the need for labor-intensive caulking by applying a single bead of the sealant to the product prior to installation. Available in Crystal Clear only.



No. 249950

ITEM #	COLOR	COLOR NUMBER	PUT UP
249950	Crystal Clear	31	125 ft. rolls

Steel Stitch™ is a trademark of Steel Stitch Corporation. FlashStrip® is a registered trademark of Steel Stitch Corporation.



No. 228022



No. 228033



No. 250153



No. 250216



No. 250162



No. 250198

STEEL STITCH™ ACCESSORIES

ITEM #	STYLE #	DESCRIPTION	PUT UP	SIZE	STANDARD PACKAGE
228022	9210MD	Steel Stitch Galvanized Steel Staples		3/8 in.	
228025	1812CG	Narrow Crown Galvanized Steel Staples		3/8 in.	
228026	1812CSS	Narrow Crown Stainless Steel Staples		3/8 in.	
228030	AH15S	Danair Pneumatic Hammer			
228031	T15S	Danair Hammer Replacement Tip, Blue			
228033	158	Danair Hammer Replacement Valve			
228035	AS0K151	Danair Hammer O-Ring Kit			
250153		Steel Stitch Grinding Disk			25
250157		Steel Stitch Galvanized Divergent Point Staples		3/8 in.	1 box
250158		Steel Stitch Galvanized Divergent Point Staples		1/2 in.	1 box
250162	92/25-553	Bea/Behrens Stapler with Safety			1 ea.
250198	F21T92-25AST	Fasco Stapler with Safety			1 ea.
250202		Steel Stitch Stainless Steel Staples			1 box
250205		Steel Stitch Galvanized Chisel Point Staples	5000/box	3/8 in.	1 box
250213	92/25-553	Bea/Behrens Stapler			1 ea.
250216	LU-9225AC	Apach Stapler with Case			1 ea.
250222		Steel Stitch Galvanized Chisel Point Staples	8400/box	1/2 in.	
267989	189	Oblong Clinch Staples			

STEEL STITCH™ GUIDES – AWNING MANUFACTURERS GUIDE

Extensive manual which covers every aspect of manufacturing the Steel Stitch awning system. Designed to be utilized by awning shops as a training manual for new employees and as a comprehensive shop reference. Presents a detailed analysis of awning and canopy design to structural consideration, then dissects each phase of the manufacturing process, including cutting, welding, fabric application and PVC trims. Also covers entire installation process, including transportation, hanging and connections.

ITEM #	DESCRIPTION
999645	Awning Manufacturer's Guide with CD-ROM
999646	Awning Manufacturer's Guide on CD-ROM

Steel Stitch™ is a trademark of Steel Stitch Corporation.

STEEL STITCH™ GUIDES – AWNING SPECIFIERS GUIDE

Provides qualified architects working primarily with commercial and multi-family housing design with complete and expanded detail needed to specify Steel Stitch™ fabric covered awnings. Contains general information and construction details, awning and canopy classifications, connection detail and complete written specifications for awnings, frames, finishes and fabrics. Includes a section on fabric selection containing samples of fabrics available from Trivantage®, for both internally-illuminated and non-illuminated applications. CAD drawings and text files are included on the CD-ROM.

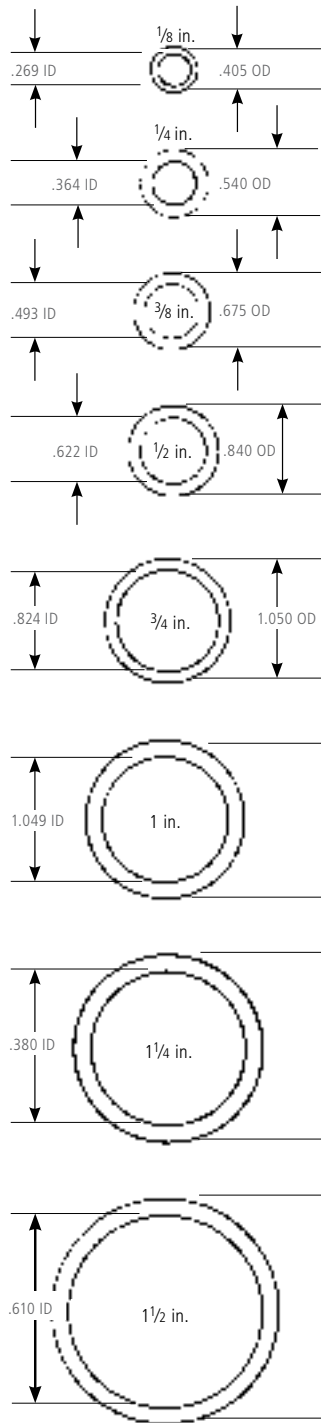
ITEM #	DESCRIPTION
999647	Awning Specifiers Guide on CD-ROM

Steel Stitch™ is a trademark of Steel Stitch Corporation. Trivantage® is a registered trademark of Glen Raven, Inc.

GATORSHIELD® – GALVANIZED FINISH STEEL TUBING

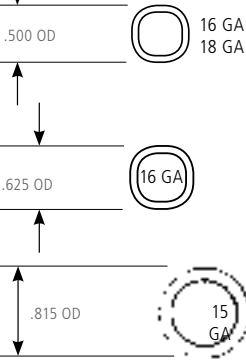
GATORSHIELD® TUBING – GALVANIZED FINISH STEEL

Pipe Schedule 40

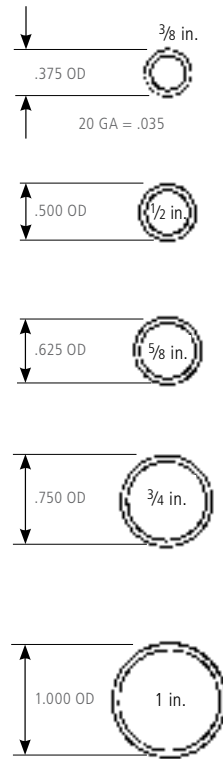


Gatorshield Wall Size

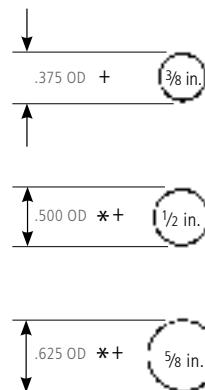
14 GA = .083 18 GA = .049
 15 GA = .072 20 GA = .035
 16 GA = .065



Mechanical Tubing
 (Numerous wall sizes available)



Awning Iron



ID = Inside Diameter
 OD = Outside Diameter
 * = Available in Aluminum Headrod
 + = Available in Fiberglass Headrod

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.

GATORSHIELD® – GALVANIZED FINISH STEEL TUBING

Gatorshield steel tubing offers triple layer corrosion protection on the exterior surface consisting of zinc, a conversion coating and a clear organic topcoat. The interior is fully covered with a corrosion-resistant zinc coating. Independent tests have proven our steel tubing offers dramatically higher corrosion resistance than other products being marketed for awning framework.

ITEM #	APPROXIMATE WEIGHT PER PIECE	FEET PER BUNDLE	GAUGE	LBS PER FOOT	LENGTH	PIECES PER BUNDLE	SHAPE	SIZE OUTSIDE DIAMETER	WEIGHT PER BUNDLE
276052	4.800 lbs.	1820 ft.	18	0.24 lbs.	20 ft.	91	Round	0.500	437 lbs.
276054	7.800 lbs.	1820 ft.	16	0.39 lbs.	20 ft.	91	Round	0.625	710 lbs.
276056	11.400 lbs.	1820 ft.	15	0.57 lbs.	20 ft.	91	Round	0.815	1037 lbs.
276057	27.328 lbs.	925 ft.	14	1.09 lbs.	25 ft.	37	Round	1.315	1011 lbs.
276058	16.800 lbs.	1220 ft.	14	0.84 lbs.	20 ft.	61	Round	1.029	1025 lbs.
276062	21.800 lbs.	740 ft.	14	1.09 lbs.	20 ft.	37	Round	1.315	807 lbs.
276064	13.200 lbs.	740 ft.	18	0.66 lbs.	20 ft.	37	Round	1.315	488 lbs.
276065	9.960 lbs.	2540 ft.	18	0.498 lbs.	20 ft.	127	Round	1.000	1265 lbs.
276066	28.000 lbs.	740 ft.	14	1.4 lbs.	20 ft.	37	Round	1.660	1036 lbs.
276080	13.200 lbs.	1600 ft.	16	0.66 lbs.	20 ft.	80	Square	13/16 in.	1673 lbs.
276083*	45.200 lbs.	888 ft.	13	1.833 lbs.	20 ft.	37	Round	1-1/2 in.	1013 lbs.
276084	16.600 lbs.	1200 ft.	16	0.83 lbs.	20 ft.	60	Square	1 in.	1241 lbs.
276085	20.680 lbs.	1500 ft.	16	0.83 lbs.	25 ft.	60	Square	1 in.	769 lbs.
276086	12.600 lbs.	1200 ft.	18	0.63 lbs.	20 ft.	60	Square	1 in.	561 lbs.
276087	48.806 lbs.	888 ft.	14	2.0336 lbs.	24 ft.	37	Round	2-3/8 in.	1806 lbs.
276088	9.200 lbs.	1200 ft.	20	0.46 lbs.	20 ft.	60	Square	1 in.	914 lbs.
276090	25.400 lbs.	720 ft.	16	1.27 lbs.	20 ft.	36	Square	1-1/2 in.	914 lbs.
276094	34.400 lbs.	500 ft.	16	1.72 lbs.	20 ft.	25	Square	2 in.	860 lbs.
276095	37.786 lbs.	500 ft.	15	1.89 lbs.	20 ft.	25	Square	2 in.	945 lbs.
276096	25.400 lbs.	640 ft.	16	1.27 lbs.	20 ft.	32	Rectangle	1 in. x 2 in.	813 lbs.
276099*	23.230 lbs.	768 ft.	18	0.968 lbs.	24 ft.	32	Rectangle	1 in. x 2 in.	744 lbs.
276100*	30.470 lbs.	768 ft.	16	1.27 lbs.	24 ft.	32	Rectangle	1 in. x 2 in.	974 lbs.
276104	54.600 lbs.	240 ft.	14	2.73 lbs.	20 ft.	25	Rectangle	2 in. x 3 in.	1365 lbs.
276108	75.100 lbs.	240 ft.	13	3.76 lbs.	20 ft.	25	Square	3 in.	1878 lbs.
276112	100.980 lbs.	320 ft.	13	5.05 lbs.	20 ft.	16	Square	4 in.	1616 lbs.

*276083 - Repacked bundle.

*276099 - Repacked bundle.

*276100 - Repacked bundle.

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.

GATORSHIELD® – TUBING PLUG

ITEM #	DESCRIPTION	PUT UP	SIZE
255419	Square	200/package	13/16 in.
255420	Square	100/package	1 in.

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.

TUBING – STEEL

Economical structured steel tubing for awning frames, galvanized inside and out equally. The weld seam on the outside diameter is re-metalized.

ITEM #	FEET PER BUNDLE	GAUGE	LENGTH	OUTSIDE DIAMETER	SHAPE	WEIGHT PER BUNDLE	WEIGHT PER FOOT
276411	1220 ft.	18	20 ft.	1.050	Round	639 lbs.	0.5239 lbs.
276412	1600 ft.	16	20 ft.	1.163	Round	1220 lbs.	0.7622 lbs.
276426	1600 ft.	18	20 ft.	0.750	Square	744 lbs.	0.4950 lbs.
276429	1200 ft.	18	20 ft.	1.000	Square	755 lbs.	0.6290 lbs.

GATORSHIELD® – TOUCH UP PAINT



No. 254160

ITEM #	PUT UP	STANDARD PACKAGE
254160	12 cans/case	12 oz. aerosol can

Gatorshield® is a registered trademark of Allied Tube & Conduit Corporation.



GROMMET – ALUMINUM WITH PLAIN WASHER



No. 233111

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233111	0	1/4 in.	25 gross
233112	1	9/32 in.	25 gross
233113	2	3/8 in.	25 gross
233114	3	7/16 in.	25 gross
233115	4	1/2 in.	25 gross



GROMMET – BRASS EYELET AND WASHER



No. 233209

ITEM #	STYLE #	DESCRIPTION	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
225405	A-500	Eyelet	0.312 in.	1000
233209	2	Grommet with A1219 Washer		25 gross



GROMMET – BRASS ROLLED RIM WITH SPUR WASHER



No. 233311

These grommets and washers assure maximum strength and resistance to “pulling out.” Spur Type setting dies are required for inserting spur grommets.

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233310	0	9/32 in.	1 gross
233311	1	13/32 in.	1 gross
233312	2	7/16 in.	1 gross
233313	3	15/32 in.	1 gross
233314	4	9/16 in.	1 gross
233315	5	5/8 in.	1 gross
233316	6	3/4 in.	1 gross
233317	7	29/32 in.	1 gross
233318	8	1-3/32 in.	1 gross
233320	0	9/32 in.	25 gross
233321	1	13/32 in.	25 gross
233322	2	7/16 in.	25 gross
233323	3	15/32 in.	25 gross
233324	4	9/16 in.	25 gross
233325	5	5/8 in.	25 gross
233326	6	3/4 in.	25 gross
233327	7	29/32 in.	25 gross
235113	3	15/32 in.	Drum



GROMMET – BRASS ROLLED RIM WITH SELF-PIERCING WASHER – NICKEL PLATED



No. 233025

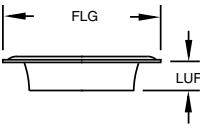
These grommets and washers assure maximum strength and resistance to “pulling out.” Spur Type setting dies are required for inserting spur grommets.











ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233024	1	9/32 in.	500
233025	2	3/8 in.	500

GROMMET – BRASS ROLLED RIM WITH SPUR WASHER – BLACK

These grommets and washers assure maximum strength and resistance to “pulling out.” Spur Type setting dies are required for inserting spur grommets.

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233460	0	9/32 in.	1 gross
233461	1	13/32 in.	1 gross
233462	2	7/16 in.	1 gross
233463	3	15/32 in.	1 gross
233464	4	9/16 in.	1 gross
233465	5	5/8 in.	1 gross
233466	6	3/4 in.	1 gross
233467	7	29/32 in.	1 gross
233468	8	1-3/32 in.	1 gross
233470	0	9/32 in.	25 gross
233471	1	13/32 in.	25 gross
233472	2	7/16 in.	25 gross
233473	3	15/32 in.	25 gross
233474	4	9/16 in.	25 gross



<p>No. 1 Hole Size $\frac{9}{32}$ in.</p>  <p>FLG .687 LUF .185 MT .012</p>	<p>No. 00 Hole Size $\frac{3}{16}$ in.</p>  <p>FLG .425 LUF .135 MT .009</p>	<p>No. 0 Hole Size $\frac{1}{4}$ in.</p>  <p>FLG .545 LUF .175 MT .012</p>
<p>No. 2J Hole Size $\frac{3}{8}$ in.</p>  <p>FLG .840 LUF .260 MT .016</p>	<p>No. 1J Hole Size $\frac{9}{32}$ in.</p>  <p>FLG .680 LUF .263 MT .0126</p>	<p>No. 2 Hole Size $\frac{3}{8}$ in.</p>  <p>FLG .815 LUF .215 MT .013</p>
<p>No. 5 Hole Size $\frac{5}{8}$ in.</p>  <p>FLG 1.220 LUF .330 MT .016</p>	<p>No. 3 Hole Size $\frac{7}{16}$ in.</p>  <p>FLG .970 LUF .295 MT .014</p>	<p>No. 4 Hole Size $\frac{1}{2}$ in.</p>  <p>FLG 1.050 LUF .374 MT .016</p>
<p>No. 6 Hole Size $\frac{13}{16}$ in.</p>  <p>FLG 1.750 LUF .232 MT .020</p>		

Note: All dimensions are in inches. Photos approximate actual size. Hole size is approximate measurement after setting. Drum quantities vary with size.

GROMMET – BRASS WITH PLAIN WASHER

Made of heavy-gauge brass, assuring maximum strength and resistance against “pulling out.” Can be used interchangeably with plain or teeth washers. Meets Government Specifications, MIL-G-16491F, MS-20230, NASM-16491 and NASM-20230.

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233210	00	3/16 in.	1 gross
233211	0	1/4 in.	1 gross
233212	1	9/32 in.	1 gross
233213	1J	9/32 in.	1 gross
233214	2	3/8 in.	1 gross
233215	2J	3/8 in.	1 gross
233216	3	7/16 in.	1 gross
233217	4	1/2 in.	1 gross
233218	5	5/8 in.	1 gross
233219	6	13/16 in.	1 gross
233220	00	3/16 in.	25 gross
233221	0	1/4 in.	25 gross
233222	1	9/32 in.	25 gross
233223	1J	9/32 in.	25 gross
233224	2	3/8 in.	25 gross
233225	2J	3/8 in.	25 gross
233226	3	7/16 in.	25 gross
233227	4	1/2 in.	25 gross
233228	5	5/8 in.	25 gross
233229	6	13/16 in.	25 gross

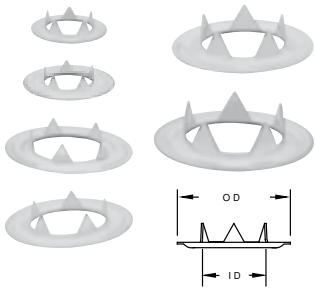


No. 233374

GROMMET – BRASS WITH PLAIN WASHER – BLACK

Made of heavy-gauge brass, assuring maximum strength and resistance against “pulling out.” Can be used interchangeably with plain or teeth washers. Meets Government Specifications, MIL-G-16491F, MS-20230, NASM-16491 and NASM-20230.

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233360	00	3/16 in.	1 gross
233361	0	1/4 in.	1 gross
233362	1	9/32 in.	1 gross
233364	2	3/8 in.	1 gross
233366	3	7/16 in.	1 gross
233367	4	1/2 in.	1 gross
233370	00	3/16 in.	25 gross
233371	0	1/4 in.	25 gross
233372	1	9/32 in.	25 gross
233374	2	3/8 in.	25 gross
233376	3	7/16 in.	25 gross
233377	4	1/2 in.	25 gross
233378	5	5/8 in.	25 gross
233379	6	13/16 in.	25 gross



GROMMET – BRASS WITH TOOTH WASHER

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233230	0	1/4 in.	1 gross
233231	1	9/32 in.	1 gross
233233	2	3/8 in.	1 gross
233235	3	7/16 in.	1 gross
233236	4	1/2 in.	1 gross
233237	5	5/8 in.	1 gross
233240	0	1/4 in.	25 gross
233241	1	9/32 in.	25 gross
233243	2	3/8 in.	25 gross
233245	3	7/16 in.	25 gross
233246	4	1/2 in.	25 gross
233247	5	5/8 in.	25 gross



GROMMET – BRASS WITH TOOTH WASHER – BLACK

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233380	0	1/4 in.	1 gross
233390	0	1/4 in.	25 gross
233391	1	9/32 in.	25 gross
233393	2	3/8 in.	25 gross
233395	3	7/16 in.	25 gross



GROMMET – NICKEL-PLATED BRASS WITH PLAIN WASHER

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233520	00	3/16 in.	1 gross
233521	0	1/4 in.	1 gross
233522	1	9/32 in.	1 gross
233524	2	3/8 in.	1 gross
233526	3	7/16 in.	1 gross
233527	4	1/2 in.	1 gross
233528	5	5/8 in.	1 gross
233529	6	13/16 in.	1 gross
233530	00	3/16 in.	25 gross
233531	0	1/4 in.	25 gross
233532	1	9/32 in.	25 gross
233534	2	3/8 in.	25 gross
233536	3	7/16 in.	25 gross
233537	4	1/2 in.	25 gross
233538	5	5/8 in.	25 gross



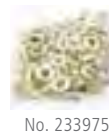
GROMMET – NICKEL-PLATED WITH TOOTH WASHER

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233540	0	1/4 in.	1 gross
233541	1	9/32 in.	1 gross
233542	2	3/8 in.	1 gross
233543	3	7/16 in.	1 gross
233546	4	1/2 in.	1 gross
233547	5	5/8 in.	1 gross
233552	1	9/32 in.	1 gross
233553	2	3/8 in.	1 gross



GROMMET – NICKEL-PLATED ROLLED RIM BRASS WITH SPUR WASHER

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233620	0	9/32 in.	1 gross
233621	1	13/32 in.	1 gross
233622	2	7/16 in.	1 gross
233623	3	15/32 in.	1 gross
233624	4	9/16 in.	1 gross
233625	5	5/8 in.	1 gross
233626	6	3/4 in.	1 gross
233627	7	29/32 in.	1 gross
233628	8	1-3/32 in.	1 gross
233630	0	9/32 in.	25 gross
233631	1	13/32 in.	25 gross
233632	2	7/16 in.	25 gross
233633	3	15/32 in.	25 gross
233634	4	9/16 in.	25 gross



GROMMET – SELF-PIERCING WITH PLAIN WASHERS – BRASS SHARPENED

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233973	1	5/16 in.	100
233975	3	7/16 in.	100



GROMMET – SELF-PIERCING WITH PLAIN WASHERS – NICKEL PLATED SHARPENED

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

No. 233566

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233566	#2	3/8 in.	500
233567	#3	7/16 in.	100



GROMMET – SELF-PIERCING WITH WASHERS – NICKEL PLATED BRASS

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

No. 233019

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233017	3	7/16 in.	500
233019	2	3/8 in.	500



GROMMET – SELF-PIERCING WITH WASHERS – BRASS

Will pierce most fabrics without pre-punching a hole, while setting the grommet and washer in the same action.

No. 233022

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233020	0	1/4 in.	500
233021	1	5/16 in.	500
233022	2	3/8 in.	500
233023	3	7/16 in.	500
233032	2	3/8 in.	500

GROMMET – SPECIAL BRASS AND WASHERS

ITEM #	STYLE #	DESCRIPTION	FINISH	STANDARD PACKAGE
233071	1	Sharpened Edge Grommet with Plain Washer	Nickel Plated	500
233179	2	Grommet with A3630 Washer	Brass	Drum
233183	1	Grommet with A1340 Neck Washer	Black	25 gross
233184	1	Grommet with A1340 Neck Washer	Nickel	25 gross
233185	2	Grommet with Spur Washer	Paraffin Coated Brass	25 gross
233186	2	Grommet with A3630 Washer	Brass	25 gross
233188	1	Grommet with A1340 Neck Washer	Brass	25 gross
233519	0	Grommet with A-1197 Washer	Nickel Plated	25 gross
233589	2	Grommet with A-3630 Washer	Nickel Plated	25 gross

GROMMET – STAINLESS STEEL SELF-PIERCING ROLLED RIM WITH PLAIN WASHER

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
235413	#1	5/16 in.	500
235414	#2	3/8 in.	500



GROMMET – STAINLESS STEEL SELF-PIERCING ROLLED RIM WITH SPUR WASHER



No. 233050

ITEM #	STYLE #	HOLE SIZE AFTER SETTING	STANDARD PACKAGE
233050	#0	1/4 in.	100
233051	#1	9/32 in.	100
233052	#2	3/8 in.	100
233053	#3	7/16 in.	100
233054	#4	1/2 in.	100
233055	#5	5/8 in.	100



E-Z LACE SUPREME®

E-Z Lace Supreme eliminates the need to insert grommets. A 1 inch reinforced side hole size makes lacing that much easier and quicker, while the 3 inch center spacing of the holes greatly increases manufacturing design flexibility. E-Z Lace Supreme also has a specialized and durable finish that resists mildew and ultraviolet rays, significantly increasing long-term strength and durability.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502107	6601	Pacific Blue	50 yd.	2-1/8 in.
502108	6608	Black	50 yd.	2-1/8 in.
502109	6630	Cadet Gray	50 yd.	2-1/8 in.
502110	6631	Burgundy	50 yd.	2-1/8 in.
502111	6637	Forest Green	50 yd.	2-1/8 in.
502112	6604	Natural	50 yd.	2-1/8 in.

E-Z Lace Supreme® is a trademark of Offray Specialty Narrow Fabrics.



No. 207665

BUCKLES – “PUSH-BUTTON”

ITEM #	STYLE #	FINISH	STANDARD PACKAGE	WEBBING SIZE
207665	3105	Cadmium plated	500	1 in.
207667	6105	Nickel plated	100	3/4 in.
207668	6105	Cadmium plated	100	1 in.
207671	6105	Black enamel	100	1 in.
207672	6105	Stainless steel	100	1 in.
207673	6105	Stainless steel	100	1-1/2 in.
207674	6105	Nickel plated	100	1-1/2 in.
207677	6105	Nickel plated	100	1 in.
207724	6105	Nickel plated	100	1 in.



No. 207672



No. 207718

BUCKLES – CAM

Made of zinc die cast with zinc finish.

ITEM #	STYLE #	STANDARD PACKAGE	WEBBING SIZE
207718	09887R	400	1 in.
207725	09887R	400	1 in.



No. 207652

BUCKLES – FOR NYLON OR POLYESTER WEBBING

A 1 inch non-slip buckle developed to provide a positive hold on very smooth nylon or polyester webbing when webbing is threaded through the buckle.

ITEM #	STYLE #	FINISH	MATERIAL	STANDARD PACKAGE	WEBBING SIZE
207652	1020	Nickel plated		100	1 in.
207654		Nickel plated	Stamped steel	200	1 in.
207680	4042	Nickel plated		100	1 in.



No. 207680



No. 207558

BUCKLES – SINGLE BAR

For 1 inch webbing. Sheet brass, black finish. Meets Mil-B-543 Type 1, Style 2, Class 1.

ITEM #	STYLE #	STANDARD PACKAGE	WEBBING SIZE
207558	146	100	1 in.



No. 207508



No. 207516

BUCKLES – TONGUELESS

Dependable and sturdy buckles with a firm locking toothed slide. Made of the finest grade zinc-plated stamped steel. When ordering, specify Style # and size.

ITEM #	STYLE #	FINISH	STANDARD PACKAGE	TYPE	WEBBING SIZE
207508	635	Zinc plated	200	Type 1	1 in.
207512	2690	Cadmium plated	50	Type 1, 2, 3	1-1/2 in.
207516	5270	Cadmium plated	50	Type 1, 2, 3	2 in.
207517	5270	Nickel plated	100	Type 1, 2, 3	2 in.
207650	01055	Cadmium plated	100	Type 1, 2, 3	1 in.



No. 207512



No. 207650



No. 260441

CLIP AND DEE – NICKEL PLATED

ITEM #	STYLE #	INSIDE DIMENSION WIDTH	SIZE	SIZE HOLE	STANDARD PACKAGE
260441	1954	3/4 in.	1-3/8 in.	0.201 in.	1000



No. 213820

CLIP AND DEE – STAINLESS

ITEM #	STYLE #	INSIDE DIMENSION WIDTH	SIZE	SIZE HOLE	STANDARD PACKAGE
213820	1954	3/4 in.	1-3/8 in.	0.201 in.	1000

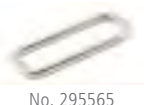


No. 249216

FOOTMAN LOOP

Made of zinc-plated steel. Used to secure web straps on car top carriers, boat covers, camping trailers and other specialty products. Undrilled Footman Loops for welding can also be supplied.

ITEM #	STYLE #	DIAMETER HOLE	SIZE	STANDARD PACKAGE	WEBBING SIZE
249203	518	7/32 in.	2-5/8 in.	1000	1 in.
249208	518	7/32 in.	2-5/8 in.	100	1 in.
249214	524	7/32 in.	3-1/8 in.	100	1-1/2 in.
249216	218	1/4 in.	3-5/8 in.	100	2 in.
249218	138	1/4 in.	2-3/4 in.	100	1-1/4 in.



No. 295565

WEBBING LOOP

Made of nickel-plated steel.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE	TYPE
295560	4950	1 in. x 7/16 in.	100	Unwelded
295565	69900	2 in. x 7/16 in.	100	Unwelded



No. 275703

TRIANGLE RING

ITEM #	FINISH	MATERIAL	SIZE	STANDARD PACKAGE
275703	Nickel Plated	Steel	1-1/2 in. x 1-1/2 in. x 1-1/2 in.	100



No. 260507

DEE RING – NON-WELDED – ZINC PLATED

Made of steel wire, with a zinc plating. Non-welded.

ITEM #	STYLE #	INSIDE DIMENSION HEIGHT	INSIDE DIMENSION WIDTH	STANDARD PACKAGE	WIRE DIAMETER
260507	563	5/8 in.	3/4 in.	500	0.135 in.
260508	563	7/8 in.	1 in.	200	0.135 in.
260512	563	1-3/16 in.	1-1/2 in.	200	0.148 in.



No. 260527

DEE RING – WELDED – ZINC PLATED

Made of heavy steel wire, with a zinc plating. Welded.

ITEM #	STYLE #	INSIDE DIMENSION HEIGHT	INSIDE DIMENSION WIDTH	STANDARD PACKAGE	WIRE DIAMETER
260527	3250	3/4 in.	7/8 in.	100	0.207 in.
260528	3250	7/8 in.	1 in.	100	0.207 in.
260529	3250	1 in.	1-1/8 in.	100	0.207 in.
260530	3250	1-1/8 in.	1-1/4 in.	100	0.243 in.
260532	3250	1-5/16 in.	1-1/2 in.	50	0.253 in.
260534	3250	1-1/2 in.	1-3/4 in.	50	0.262 in.
260536	3250	1-5/8 in.	2 in.	50	0.262 in.



No. 260500

RING – DEE NICKEL PLATED

ITEM #	STYLE #	DESCRIPTION	FINISH	INSIDE DIMENSION HEIGHT	INSIDE DIMENSION WIDTH	MATERIAL	STANDARD PACKAGE	WIRE DIAMETER
260500	3250	Welded	Nickel Plated	1-3/5 in.	2 in.	Steel	500	0.260 in.
260502	563	Non-Welded	Nickel Plated	7/8 in.	1 in.	Steel	200	0.135 in.
260503	563	Non-Welded	Nickel Plated	5/8 in.	3/4 in.	Steel	500	0.135 in.
260511	45204	Non-Welded	Nickel Plated	8/9 in.	1 in.	Zinc Die-Cast	1000	0.154 in.



No. 260502



No. 260511



No. 267320

SPRING – TRAMPOLINE

ITEM #	LENGTH	STANDARD PACKAGE
267320	8 in.	100



No. 295531

WEBBING – 3 BAR SLIDE

Made of stamped steel, nickel plated. Used for garments, parkas, outerwear, equestrian equipment, horse blankets.



No. 295537

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
295531	02300	1 in.	500
295532	02300	1-1/2 in.	500
295534	02300	2 in.	500
295537	03300	2 in.	200



No. 274908

WEBBING – TIP FOR TYPES I AND II WEBBING

Flat type. Nickel plated steel.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
274908	1	1 in.	1000



No. 275012

WEBBING – TIP FOR TYPES I, II AND III WEBBING

Ball type. Brass with black finish. Meets Government Specifications MIL-C-496.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
275008	149	1 in.	1000
275012	149	1-1/2 in.	200



No. 207697

ACW SIDE RELEASE BUCKLES



No. 207701

ITEM #	STYLE #	DESCRIPTION	COLOR	MATERIAL	WEBBING SIZE
207562	91151	Side Release Buckle	Black	Acetal	3/4 in.
207564	91760	Side Release Buckle	Black	Acetal	1-1/2 in.
207697	91526 BSR-DA	Side Release Double Adjust Buckle	Black	Acetal	1 in.
207701	91515 BSR	Side Release Buckle	Black	Acetal	1 in.
207702	91750 BSR	Side Release Buckle	Black	Acetal	1-1/2 in.
207703	91835 BSR	Side Release Buckle	Black	Acetal	2 in.



No. 207720

ACW CAM BUCKLES

ITEM #	STYLE #	COLOR	MATERIAL	WEBBING SIZE
207720	91390 CB	Black	Acetal	1 in.

YKK® WHEEL LOCKS

All plastic hardware.

ITEM #	STYLE #	DESCRIPTION	COLOR	WEBBING SIZE
585585	93838	Wheel Lock	Black	1 in.

YKK® is a registered trademark of YKK Corporation.



No. 586110

FASTEX® BARRELOC

Limitless applications include locking sleeping bag and parka hood draw strings. Can be used with either one or two cords.

ITEM #	COLOR	MATERIAL
586110	Black	Delrin®

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 586430

FASTEX® CAM BUCKLE

This versatile buckle works with a camming action directly against webbing. It provides easy adjustment and high security at the same time and is suitable for a wide range of webbing applications. One-handed quick release.

ITEM #	COLOR	COLOR NUMBER	MATERIAL	WEBBING SIZE
586430	Black	525	Delrin®	1 in.

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 585060

FASTEX® SIDE RELEASE BUCKLE

Can be used on backpacks, camera bags, and many other fastening applications.

ITEM #	COLOR	MATERIAL	WEBBING SIZE
585015	Black	Delrin®	3/4 in.
585016	White	Delrin®	3/4 in.
585030	Black	Delrin®	1 in.
585031	White	Delrin®	1 in.
585060	Black	Delrin®	1-1/2 in.
585070	Black	Nexcel	1-1/2 in.
585075	Black	Delrin®	2 in.

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 585630

FASTEX® D-RING

These D-rings are perfect whenever a sturdy attachment point is required. Unlike metal D-rings, they won't rust or corrode. One inch D-ring available in double-bar version, which prevents D-ring from slipping or rotating within its webbing retainer.

ITEM #	COLOR	MATERIAL	WEBBING SIZE
585630	Black	Delrin®	1 in.
585660	Black	Delrin®	1-1/2 in.
585675	Black	Delrin®	2 in.

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 586578

FASTEX® ELLIPSE CORDLOC

Provides an option for a lanyard tie down to assist in hand adjustments.

ITEM #	COLOR	MATERIAL
586578	Black	Delrin®

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 585975

FASTEX® TRIGLIDES™ 3 BAR SLIDE

For sporting, recreational, luggage, medical, apparel and juvenile products. Extremely popular in the floatation and backpacking industries, these buckles can be used wherever webbing closures are needed. Useful in just about any application in which a variable length strap assembly is required.

ITEM #	STYLE #	COLOR	MATERIAL	WEBBING SIZE
585930	105-0100	Black	Delrin®	1 in.
585960	105-0150	Black	Delrin®	1-1/2 in.
585975	105-0200	Black	Delrin®	2 in.

Fastex® is a registered trademark of ITW. Triglides™ is a trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 585775

FASTEX® LOOPLOC

Ideal for holding straps or webbing where no adjustment is needed.

ITEM #	STYLE #	COLOR	MATERIAL	WEBBING SIZE
585715		Black	Delrin®	1 in.
585760		Black	Delrin®	1-1/2 in.
585775	111-0200	Black	Delrin®	2 in.

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 585215

FASTEX® LADDERLOC™

Can be used on backpacks, camera bags, and many other fastening applications.

ITEM #	STYLE #	COLOR	MATERIAL	WEBBING SIZE
585215	154-0075	Black	Delrin®	3/4 in.
585270	104-2200	Black	Delrin®	2 in.
585283	154-3100-5614	Black	Acetal	1 in.

Fastex® is a registered trademark of ITW. Ladderloc™ is a trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 587300

FASTEX® SEWABLE GROMMET

Molded from a toughened nylon, the Sewable Grommet can be sewn directly to fabric or webbing. It will withstand heavy load and stress factors, yet always return to its original shape. It is unaffected by weather and will not snap or pull rope or cord running through it. Unaffected by ultraviolet degradation. Radio frequency bondable.

ITEM #	STYLE #	MATERIAL
587300	406-0000	Toughened Nylon

Fastex® is a registered trademark of ITW.



No. 207540

YKK® FASTENERS

All plastic hardware.



No. 207545

ITEM #	STYLE #	DESCRIPTION	COLOR	STANDARD PACKAGE	WEBBING SIZE
207540	LBS1	Easy Release Buckle	Black	100	1"
207543	LBRU1	Heavy Duty Quick Release Buckle	Black	1000	1"
207545	LBRU1.5	Heavy Duty Quick Release Buckle	Black	1000	1-1/2"
586089	LC055HD		Black	1500	

YKK® is a registered trademark of YKK Corporation.



No. 586920

FASTEX® SHOCK CORD HOOK

These shock cord fasteners will not mar or scratch anything they touch. The entire unit is molded, which eliminates the necessity of using a metal crimp ring. They are also rust and corrosion proof. Operates under all weather conditions. Not affected by salt water.

ITEM #	STYLE #	COLOR	CORD SIZE	MATERIAL
586920	605-0250-5614	Black	1/4 in.	Delrin®
586930	605-0375	Black	5/16 in.	Delrin®

Fastex® is a registered trademark of ITW. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.



No. 585310

SNAPHOOK – INTERLOCKING SNAPHOOK

Applications are similar to those of the side release buckle. However, the “tooth” design increases the overall strength.

ITEM #	STYLE #	COLOR	MATERIAL
585310	106-1000	Black	Delrin®

Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



No. 585430

SNAPHOOK – RETAINER

Other styles and colors available on special order.

ITEM #	STYLE #	COLOR	MATERIAL	SIZE
585430	108-0100	Black	Delrin®	1 in.
585460	108-0150	Black	Delrin®	1-1/2 in.
585475	108-0200-5614	Black	Delrin®	2 in.

Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



No. 585300

SNAPHOOK – STANDARD SNAPHOOK

Used most often for detachable shoulder straps.

ITEM #	STYLE #	COLOR	MATERIAL
585300	106-0000	Black	Delrin®

Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



No. 230717



No. 230959



No. 230995



No. 230792



No. 230991



No. 230997



No. 230795



No. 230993



No. 230998

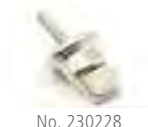
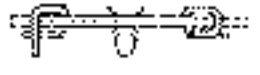
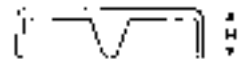
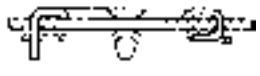
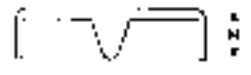
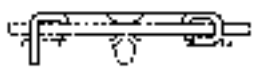
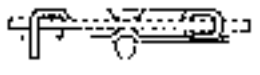
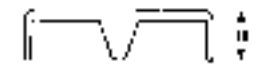
DOT® BABY DURABLE™

An intermediate size snap fastener. Baby Durable provides firm snap action and strong holding power without being visually prominent on the end item.

ITEM #	STYLE #	DESCRIPTION	FINISH	SIZE	STANDARD PACKAGE
230717	94-XB-12105-4A	Cap	Nickel Plated		100
230792	94-XB-12205-4A	Socket	Nickel Plated		100
230794	94-BS-12402-1A	Post	Nickel Plated	3/16 in.	100
230795	94-BS-12404-2A	Post	Nickel Plated	1/4 in.	1000
230854	94-XB-12105-2B	Cap	Black Oxide		1000
230959	94-BS-12303-2A	Stud	Nickel Plated		1000
230991	94-X2-12108-2B	Cap	Black Oxide	3/16 in.	1000
230993	94-XB-12205-2C	Socket	Black Oxide		1000
230995	94-BS-12302-2C	Stud	Black Oxide		1000
230997	94-BS-12402-2C	Post	Black Oxide	3/16 in.	1000
230998	94-BS-12303-2C	Stud	Black Oxide		1000

DOT® COMMON SENSE® / CURTAIN FASTENERS

Curtain fasteners are available in brass lacquer, nickel or black finish. All studs have rust-resistant brass springs. Sold in full package lots of 100 and 1000 pieces.



No. 230228



No. 230303



No. 230305



No. 230307



No. 230311



No. 230323



No. 230332



No. 230504



No. 230549

ITEM #	STYLE #	DESCRIPTION	FINISH	SIZE	STANDARD PACKAGE	TOOLS PART #
230203	91-BS-78403-2E	Eyelet	Gilt		1000	450
230205	91-BS-78505-2D	Washer	Gilt		1000	
230207	91-BS-78507-2D	Back Plate	Gilt		1000	171
230220	91-XX-783157-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	
230223	91-XB-78323-2E	Turn Button Double Height Two Screw Holes	Gilt		1000	
230226	91-XB-783247-2E	Turn Button Screw Stud	Gilt	5/8 in.	1000	9908
230228	91-XB-783247-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	9908
230232	91-XB-78332-2E	Turn Button Double Prong	Gilt		1000	171
230234	91-XB-78333-2E	Turn Button Double Prong Double Height	Gilt		1000	171
230303	91-BS-78403-2A	Eyelet	Nickel Plated		1000	450
230305	91-BS-78505-2A	Washer	Nickel Plated		1000	
230307	91-BS-78507-2A	Back Plate	Nickel Plated		1000	171
230311	91-BS-78510-2A	Washer	Nickel Plated		1000	
230322	91-XB-78322-2A	Turn Button Two Screw Holes	Nickel Plated		1000	
230323	91-XB-78323-2A	Turn Button Double Height Two Screw Holes	Nickel Plated		1000	
230326	91-XB-783247-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	9908
230327	91-XB-783257-2A	Turn Button Screw Stud	Nickel Plated	5/8 in.	1000	9908
230332	91-XB-78332-2A	Turn Button Double Prong	Nickel Plated		1000	171
230377	91-XB-78317-2G	Turn Button	Black Oxide		1000	
230378	91-BS-78502-2C	Back Plate	Black Oxide		1000	
230380	91-BS-78403-2G	Eyelet	Black Oxide		1000	450
230381	91-BS-78505-2C	Washer	Black Oxide		1000	
230385	91-BS-78404-2G	Eyelet (Long)	Black Oxide		1000	
230386	91-XB-78322-2G	Turn Button Two Screw Holes	Black Oxide		1000	
230389	91-XB-78333-2G	Turn Button Double Prong Double Height	Black Oxide		1000	171
230403	91-BS-78403-1E	Eyelet	Gilt		100	450
230405	91-BS-78505-1D	Washer	Gilt		100	
230422	91-XB-78322-1E	Turn Button Two Screw Holes	Gilt		100	
230423	91-XB-78323-1E	Turn Button Double Height Two Screw Holes	Gilt		100	
230426	91-XB-783247-1E	Turn Button Screw Stud	Gilt	5/8 in.	100	9908
230500	91-XX-783157-4A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	9908
230503	91-BS-78403-4A	Eyelet	Nickel Plated		100	450
230504	91-BS-78502-1A	Back Plate	Nickel Plated		100	
230505	91-BS-78505-4A	Washer	Nickel Plated		100	
230507	91-BS-78507-4A	Back Plate	Nickel Plated		100	171
230508	91-BS-78510-4A	Washer	Nickel Plated		100	
230509	91-PS-78511-49	Washer			100	
230520	91-XB-783247-1A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	9908
230522	91-XB-78322-4A	Turn Button Two Screw Holes	Nickel Plated		100	
230523	91-XB-78323-4A	Turn Button Double Height Two Screw Holes	Nickel Plated		100	
230526	91-XB-783247-4A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	9908
230527	91-XB-783257-1A	Turn Button Screw Stud	Nickel Plated	5/8 in.	100	9908
230532	91-XB-78332-4A	Turn Button Double Prong	Nickel Plated		100	171
230533	91-XB-78333-1A	Turn Button Double Prong Double Height	Nickel Plated		100	171
230534	91-BS-78404-4A	Eyelet (Long)	Nickel Plated		100	
230549	91-XB-78317-4A	Turn Button	Nickel Plated		100	
230580	91-BS-78403-1G	Eyelet	Black Oxide		100	450
230581	91-BS-78505-1C	Washer	Black Oxide		100	
230587	91-XB-78332-1G	Turn Button Double Prong	Black Oxide		100	171

DOT® and Common Sense® are registered trademarks of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



No. 230932

DOT® DURABLE™ BLIND RIVET STUD

This component will provide the installer with a convenient method for securing a stud on hard surfaces such as steel, aluminum, tubing and panels.

Blind Rivet Studs are set in the same manner as typical pop rivets and eliminate the need for threading a stud into a pre-drilled hole or using a machine screw and nut combination. Used with the X2-10128 Button and XB-10224 Socket or similar combinations.

ITEM #	STYLE #	DESCRIPTION	FINISH	FOR USE ON	FOR USE WITH	STANDARD PACKAGE
230772	93-X8-10314-4A	Blind Rivet Stud	Nickel Plated/Stainless Steel Mandrel			100
230774	93-X8-10319-4A	Blind Rivet Stud	Nickel Plated/Stainless Steel Mandrel			100
230932	93-X8-10314-2A	Blind Rivet Stud	Nickel Plated/Stainless Steel Mandrel	Metal, Plastic	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	1000

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No. 229625

DOT® DURABLE™ ENAMEL

These ultraviolet stabilized enamel painted buttons are in popular demand. The generous color selection is designed to match or compliment a wide variety of today's most popular marine fabrics. Available in packs of 100 and 1000.

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
229600	93-X2-10128-1534-1V	Dull Black	100
229601	93-X2-10128-1339-1V	Black	100
229602	93-X2-10128-1959-1V	White	100
229604	93-X2-10128-1487-1V	Lindy	100
229611	93-X2-10128-1290-1V	Medium Turquoise	100
229615	93-X2-10128-2104-1V	Mulberry	100
229617	93-X2-10128-2595-1V	Butternut Beige	100
229620	93-X2-10128-1473-1V	Dark Green	100
229622	93-X2-10128-9012-1V	Ranch Blue	100
229623	93-X2-10128-9002-1V	Captain Navy	100
229624	93-X2-10128-9031-1V	Walden White	100
229625	93-X2-10128-9000-1V	Cadet Grey	100
229629	93-X2-10128-9030-1V	Logo Red	100
229630	93-X2-10128-3209-1V	Winter Wheat	100
229632	93-X2-10128-9004-1V	Heather Beige	100
229650	93-X8-10128-1339-1V	Black	100
229651	93-X8-10128-1473-1V	Dark Green	100
229653	93-X8-10128-1534-1V	Dull Black	100
229654	93-X8-10128-1959-1V	White	100
229655	93-X8-10128-2234-1V	Foliage Green	100
229656	93-X8-10128-2424-1V	Regatta Red	100
229658	93-X8-10128-3209-1V	Winter Wheat	100
229660	93-X8-10128-9000-1V	Cadet Grey	100

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
229661	93-X8-10128-9001-1V	Sea Grass Green	100
229662	93-X8-10128-9002-1V	Captain Navy	100
229664	93-X8-10128-9004-1V	Heather Beige	100
229665	93-X8-10128-9005-1V	Toast	100
229666	93-X8-10128-9006-1V	Taupe	100
229667	93-X8-10128-9007-1V	El Paso Tan	100
229668	93-X8-10128-9008-1V	Wood Chip	100
229669	93-X8-10128-9009-1V	Blue Marlin	100
229670	93-X8-10128-9010-1V	Serenity Rose	100
229671	93-X8-10128-9011-1V	Shingle Grey	100
229672	93-X8-10128-9012-1V	Ranch Blue	100
229675	93-X8-10128-9015-1V	Burnt Sugar	100
229676	93-X8-10128-9016-1V	Pumpkin Patch	100
229679	93-X8-10128-9019-1V	Mainline Blue	100
229681	93-X8-10128-9021-1V	Tavern Green	100
229682	93-X8-10128-9022-1V	Sharp Blue	100
229683	93-X8-10128-9023-1V	Banana Split	100
229684	93-X8-10128-9024-1V	Bahama Berry	100
229686	93-X8-10128-9026-1V	Oxford Wine	100
229688	93-X8-10128-9028-1V	Jericho Tan	100
229689	93-X8-10128-9029-1V	Grape Crush	100
229690	93-X8-10128-9030-1V	Logo Red	100
229693	93-X8-10128-9033-1V	Smoke Ring	100
229696	93-X8-10128-9036-1V	True Brown	100
229900	93-X2-10128-1534-2V	Dull Black	1000
229901	93-X2-10128-1339-2V	Black	1000
229902	93-X2-10128-1959-2V	White	1000

DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



DOT® DURABLE™ MARINER™

High ultraviolet resistant plastic cap with a super-strong, self-piercing eyelet. Size matches the standard all-brass construction DOT Durable button.



No. 230881

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
230674	93-XV-10150-1Y	Beige	100
230680	93-XV-10150-1V	White	100
230681	93-XV-10150-1X	Black	100
230880	93-XV-10150-2V	White	1000
230881	93-XV-10150-2X	Black	1000

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H= multiple sizes available

DOT® DURABLE™

Durable Fasteners are a medium-sized heavy-duty button type snap fastener. They are used largely by manufacturers of boat covers, porch curtains and industrial curtains. These fasteners are available in nickel or black finish on brass. Sold only in full package lots of 100, 1,000 or 10,000 pieces where indicated. Certain durable fasteners meet Government Specification MS-27980.

ITEM #	STYLE #	DESCRIPTION	FINISH	FOR USE WITH	HAND TOOLS PART NUMBER	MACHINE TOOLS PART NUMBER	SIZE	STANDARD PACKAGE
230501	93-XN-10135-1U	Snap Cap / Open Top Button / Pilot Hole Cap	Stainless Steel					100
230701	93-X2-10127-4A	Cap	Nickel Plated	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	1/4 in. (H)	100
230702	93-X2-10128-4A	Cap	Nickel Plated	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	11/64 in. (H)	100
230705	93-XB-10224-4A	Socket	Nickel Plated	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		100
230706	93-XX-10224-4A	Socket	Nickel Plated	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		100
230713	93-XX-103624-4A	Screw Stud	Nickel Plated/Steel Screw		169 N		3/8 in.	100
230715	93-XX-103627-4A	Screw Stud	Nickel Plated/Steel Screw		169 N		5/8 in.	100
230723	93-X8-109344-4A	Screw Stud	Nickel Plated/Stainless Steel Screw				3/8 in.	100
230727	93-BS-10370-4A	Stud	Nickel Plated	93-BS-10412-1A, 93-BS-10412-2A, 93-BS-10412-1C, 93-BS-10412-2C	164	1412		100
230728	93-XB-10342-4A	Gypsy Stud	Nickel Plated	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C		9557		100
230737	93-XB-103934-4A	Screw Stud	Nickel Plated		169 N			100
230739	93-X8-103934-4A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		3/8 in.	100
230740	93-BS-10412-4A	Post	Nickel Plated	93-BS-10370-1A, 93-BS-10370-2A, 93-BS-10370-1C, 93-BS-10370-2C	9936	1407	1/4 in. (H)	100
230741	93-BS-10413-4A	Post	Nickel Plated	93-BS-10370-1A, 93-BS-10370-2A, 93-BS-10370-1C, 93-BS-10370-2C	9936	1407	5/16 in. (H)	100
230743	93-BS-10414-1A	Post	Nickel Plated	93-BS-10370-1A, 93-BS-10370-2A, 93-BS-10370-1C, 93-BS-10370-2C	9936	1407	3/8 in. (H)	100
230744	93-BS-10379-4A	Stud	Nickel Plated					100

ITEM #	STYLE #	DESCRIPTION	FINISH	FOR USE WITH	HAND TOOLS PART NUMBER	MACHINE TOOLS PART NUMBER	SIZE	STANDARD PACKAGE
230749	93-XB-107084-1A	Screw Stud	Nickel Plated		169 N		3/8 in.	100
230753	93-XB-107087-1A	Screw Stud	Nickel Plated		169 N		5/8 in.	100
230756	93-XB-103937-4A	Screw Stud	Nickel Plated		169 N		5/8 in.	100
230758	93-X8-103937-4A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		5/8 in.	100
230760	93-X8-103938-1A	Screw Stud	Nickel Plated/Stainless Steel Screw	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C, 93-XX-10224-2C, 93-XX-10224-1A, 93-XX-10224-2A	169 N		1 in.	100
230764	93-X8-103015-4A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		7/16 in.	100
230765	93-X8-109347-4A	Screw Stud	Nickel Plated/Stainless Steel Screw				5/8 in.	100
230766	93-X8-103017-4A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		5/8 in.	100
230768	93-X8-103025-4A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		7/16 in.	100
230769	93-X8-103027-4A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		5/8 in.	100
230780	93-X2-10128-1B	Cap	Black Oxide	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	11/64 in. (H)	100
230781	93-XB-10224-1C	Socket	Black Oxide	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		100
230782	93-B5-10370-1C	Stud	Black Oxide	93-B5-10413-1A, 93-B5-10413-2A	164	1412		100
230783	93-B5-10412-4C	Post	Black Oxide	93-B5-10370-1A, 93-B5-10370-2A, 93-B5-10370-1C, 93-B5-10370-2C	9936	1407	1/4 in. (H)	100
230784	93-X2-10127-1B	Cap	Black Oxide	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	1/4 in. (H)	100
230787	93-XX-10224-2C	Socket	Black Oxide	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		1000
230850	93-X8-109344-2A	Screw Stud	Nickel Plated/Stainless Steel Screw				3/8 in.	1000
230851	93-X8-109347-2A	Screw Stud	Nickel Plated/Stainless Steel Screw				5/8 in.	1000
230863	93-B5-10379-3C	Stud	Nickel Plated					10000
230888	93-X2-10127-2B	Cap	Black Oxide	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	1/4 in. (H)	1000
230890	93-X2-10128-3A	Cap	Nickel Plated				11/64 in. (H)	10000
230891	93-XB-10224-3A	Socket	Nickel Plated					10000
230892	93-B5-10370-3A	Stud	Nickel Plated					10000
230893	93-B5-10412-3A	Post	Nickel Plated				1/4 in. (H)	10000
230895	93-B5-10412-2C	Post	Black Oxide	93-B5-10370-1A, 93-B5-10370-2A, 93-B5-10370-1C, 93-B5-10370-2C	9936	1407	1/4 in. (H)	1000
230896	93-XB-10224-2C	Socket	Black Oxide	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		1000
230897	93-B5-10370-2C	Stud	Black Oxide	93-B5-10413-1A, 93-B5-10413-2A	164	1412		1000
230898	93-X2-10128-2B	Cap	Black Oxide	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	11/64 in. (H)	1000
230899	93-X2-10127-2A	Cap	Nickel Plated	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	1/4 in. (H)	1000
230900	93-X2-10128-2A	Cap	Nickel Plated	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C	9936	1401	11/64 in. (H)	1000
230901	93-XB-10224-2A	Socket	Nickel Plated	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		1000
230905	93-B5-10370-2A	Stud	Nickel Plated	93-B5-10412-1A, 93-B5-10412-2A, 93-B5-10412-1C, 93-B5-10412-2C	164	1412		1000
230911	93-X8-103934-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		3/8 in.	1000

ITEM #	STYLE #	DESCRIPTION	FINISH	FOR USE WITH	HAND TOOLS PART NUMBER	MACHINE TOOLS PART NUMBER	SIZE	STANDARD PACKAGE
230912	93-BS-10412-2A	Post	Nickel Plated	93-BS-10370-1A, 93-BS-10370-2A, 93-BS-10370-1C, 93-BS-10370-2C	9936	1407	1/4 in. (H)	1000
230913	93-XX-103624-2A	Screw Stud	Nickel Plated/Steel Screw		169 N		3/8 in.	1000
230916	93-BS-10379-2A	Stud	Nickel Plated					1000
230917	93-XX-10224-2A	Socket	Nickel Plated	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		1000
230918	93-XB-103934-2A	Stud	Nickel Plated		169 N			1000
230921	93-XB-103937-2A	Screw Stud	Nickel Plated		169 N		5/8 in.	1000
230922	93-XX-103627-2A	Screw Stud	Nickel Plated/Steel Screw		169 N		5/8 in.	1000
230923	93-X8-103937-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		5/8 in.	1000
230924	93-BS-10413-2A	Post	Nickel Plated	93-BS-10370-1A, 93-BS-10370-2A, 93-BS-10370-1C, 93-BS-10370-2C	9936	1407	5/16 in. (H)	1000
230926	93-BS-10414-2A	Post	Nickel Plated	93-BS-10370-1A, 93-BS-10370-2A, 93-BS-10370-1C, 93-BS-10370-2C	9936	1407	3/8 in. (H)	1000
230930	93-XB-10231-2A	Socket	Nickel Plated	93-X2-10127-1A, 93-X2-10127-2A, 93-X2-10127-1B, 93-X2-10127-2B, 93-X2-10128-1A, 93-X2-10128-2A, 93-X2-10128-1B, 93-X2-10128-2B, 93-X2-10128-2E	164	1410		1000
230931	93-X8-103938-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		1 in.	1000
230934	93-X8-103015-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		7/16 in.	1000
230935	93-XB-10342-2A	Gypsy Stud	Nickel Plated	93-XB-10224-1A, 93-XB-10224-2A, 93-XB-10224-1C, 93-XB-10224-2C		9557		1000
230936	93-X8-103017-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		5/8 in.	1000
230938	93-X8-103025-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		7/16 in.	1000
230939	93-X8-103027-2A	Screw Stud	Nickel Plated/Stainless Steel Screw		169 N		5/8 in.	1000
231063	93-BS-10123-1A	Veltex Carpet Snap Socket	Nickel Plated					100
231117	93-X8-107044-1A	Screw Stud	Nickel Plated/Stainless Steel Screw					100

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No. 230655



No. 230657



No. 230659



No. 230666



No. 230667



No. 231008

DOT® DURABLE™ STAINLESS

ITEM #	STYLE #	DESCRIPTION	FINISH	SIZE	STANDARD PACKAGE
230655	93-X8-10127-1A	Cap	Nickel Plated/Stainless Steel Post		100
230657	93-XN-10224-4U	Socket	Stainless Steel		100
230659	93-XN-103934-1U	Screw Stud	Stainless Steel	3/8 in.	100
230661	93-XN-103937-1U	Screw Stud	Stainless Steel	5/8 in.	100
230664	93-XN-10128-4U	Cap	Stainless Steel		100
230666	93-NS-10370-1U	Stud	Stainless Steel		100
230667	93-NS-10412-1U	Post	Stainless Steel		100
230669	93-X8-10128-1A	Cap	Nickel Plated/Stainless Steel Post		100
230670	93-XN-10127-1U	Cap	Stainless Steel		100
230967	93-X8-10127-2A	Cap	Nickel Plated/Stainless Steel Post		1000
230969	93-XN-10224-2U	Socket	Stainless Steel		1000
230970	93-XN-103934-2U	Screw Stud	Stainless Steel	3/8 in.	1000
230971	93-XN-103937-2U	Screw Stud	Stainless Steel	5/8 in.	1000
230974	93-XN-10128-2U	Cap	Stainless Steel		1000
230976	93-NS-10370-2U	Stud	Stainless Steel		1000
230977	93-NS-10412-2U	Post	Stainless Steel		1000
230981	93-X8-10128-2A	Cap	Nickel Plated/Stainless Steel Post		1000
231000	93-XN-10127-2U	Cap	Stainless Steel		1000
231008	93-XN-10616-2U	Buckle	Stainless Steel		1000

DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.

WASHER – SCREW STUD

ITEM #	MATERIAL	STANDARD PACKAGE
296005	Nylon	1000



No. 231085

FASNAP® RIB TREE BOLSTER FASTENERS

This 3/4 inch panel fastener with ribbed shank assures easy installation and secure hold. One ribbed end is pushed into primary panel to retain clip. Second panel is pushed down onto projecting ribbed end to complete the assembly.

ITEM #	DESCRIPTION
231085	3/4 in. double end clip with inner stop 1/2 in. x 7/8 in.

FASNAP® is a registered trademark of The FASNAP Corporation.



No. 230671



No. 230696



No. 231026



No. 230691



No. 230767



No. 231027



No. 230694



No. 230960



No. 231096

FASNAP® FASTENERS

High rust and corrosion resistant button, normal action socket, stud, and eyelet. The button and eyelet are, in many instances, able to self-pierce through multiple layers of fabric. All four components are interchangeable with nickel-plated brass screw studs or other snap fasteners and tools, eliminating special die requirements.

ITEM #	STYLE #	DESCRIPTION	FINISH	STANDARD PACKAGE	TYPE
230671	BNCT705916	Screw Stud	Nickel/Brass Stud, Stainless Steel Screw	100	1/2 in. #8 TEK® Screw
230688	SSC4650AR	Button	Stainless Steel	100	
230691	SSC4650B	Socket	Stainless Steel	100	
230694	SSC4650C	Stud	Stainless Steel	100	
230696	SSC4647D	Post	Stainless Steel	100	
230767	BNSC705921	Screw Stud	Stainless Steel	100	5/8 in. #10 Screw
230960	SS4650AR	Cap	Stainless Steel	1000	
230963	SSC4650B/SS4650B	Socket	Stainless Steel	1000	
230966	SSC4650C/SS4650C	Stud	Stainless Steel	1000	
230968	SC4647D/SS4647D	Post	Stainless Steel	1000	
231026	BN4647AR	Cap	Nickel Plated	1000	
231027	BN4647B	Socket	Nickel Plated	1000	
231096	BHST705916	Screw Stud	Nickel/Brass Stud, Stainless Steel Screw	100	1/2 in. #8 Hardened TEK® Screw

FASNAP® is a registered trademark of The FASNAP Corporation. TEK® is a registered trademark of ITW Buildex Corp.

DOT® LIFT-THE-DOT®

Featured below are styles available, complete with parts indicated. Sold only in full package lots of 100 pieces or 1000 pieces. Lift-The-Dot Fasteners are available in nickel or black finish. Certain Lift-The-Dot fasteners meet Government Specification MS-27977. Strong and heavy duty, Lift-The-Dot fasteners lock on three sides and are opened by lifting the fourth side where the Dot and the Lift-The-Dot trademark appear.



No. 230601



No. 230608



No. 230610



No. 230620



No. 230628



No. 230630



No. 230636



No. 230637



No. 230638

ITEM #	STYLE #	DESCRIPTION	FINISH	FOR USE ON	FOR USE WITH	HAND TOOLS PART NUMBER	MACHINE TOOLS PART NUMBER	SCREW SIZE	STANDARD PACKAGE
230601	90-XX-16205-4A	Socket	Nickel Plated	Canvas	90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C		1454		100
230602	90-XX-16206-4A	Socket	Nickel Plated	Canvas	90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C		1454		100
230603	90-XB-163174-1A	Screw Stud	Nickel Plated	Wood		169B		3/8 in.	100
230605	90-XB-163177-4A	Screw Stud	Nickel Plated	Wood		169B		5/8 in.	100
230608	90-BS-16349-1A	Stud	Nickel Plated	Canvas	90-BS-16501-1A, 90-BS-16501-2A	171			100
230610	90-XB-16358-4A	Stud	Nickel Plated	Canvas	90-BS-16509-1A, 90-BS-16509-2A, 90-BS-16509-2C	9940	1456		100
230618	90-XB-163624-1A	Screw Stud	Nickel Plated/Brass Screw	Metal		169B		3/8 in.	100
230620	90-X8-163606-4A	Screw Stud	Nickel Plated/Stainless Steel Screw	Wood, Metal, Plastic		169B		1/2 in.	100
230624	90-X8-163604-4A	Screw Stud	Nickel Plated/Stainless Steel Screw	Wood		169B		3/8 in.	100
230628	90-XB-16347-1A	Stud with 2-Hole Plate	Nickel Plated	Wood					100
230630	90-X8-16376-1A	Windshield Clip (3/4 in.)	Nickel Plated/Stainless Steel Clip	Wood					100
230633	90-X8-16377-1A	Windshield Clip (7/8 in.)	Nickel Plated/Stainless Steel Clip	Wood					100
230636	90-BS-16501-1A	Washer	Nickel Plated	Canvas	90-BS-16349-1A, 90-BS-16349-2A		8042		100
230637	90-BS-16506-4A	Back Plate	Nickel Plated	Canvas	90-XX-16205-1A, 90-XX-16205-2A, 90-XX-16205-1B, 90-XX-16205-2B, 90-XX-16206-1A, 90-XX-16206-2A, 90-XX-16206-2B				100
230638	90-BS-16509-4A	Washer	Nickel Plated	Canvas	90-XB-16358-1A, 90-XB-16358-2A, 90-XB-16358-2B		1457		100
230647	90-XX-16206-2A	Socket	Nickel Plated	Canvas	90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C		1454		1000
230649	90-XX-16205-1B	Socket	Black Oxide	Canvas	90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C		1454		100
230651	90-XB-16358-2B	Stud	Black Oxide	Canvas	90-BS-16509-1A, 90-BS-16509-2A, 90-BS-16509-2C		1456		1000
230652	90-BS-16509-2C	Washer	Black Oxide	Canvas	90-XB-16358-1A, 90-XB-16358-2A, 90-XB-16358-2B		1457		1000
230654	90-XX-16206-2B	Socket	Black Oxide				1454		1000
230656	90-PS-16510-49	Washer		Canvas	90-XX-16205-1A, 90-XX-16205-2A, 90-XX-16205-1B, 90-XX-16205-2B, 90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C			100	
230940	90-XX-16205-2A	Socket	Nickel Plated	Canvas	90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C		1454		1000
230944	90-XB-16358-2A	Stud	Nickel Plated	Canvas	90-BS-16509-1A, 90-BS-16509-2A, 90-BS-16509-2C	9940	1456		1000

ITEM #	STYLE #	DESCRIPTION	FINISH	FOR USE ON	FOR USE WITH	HAND TOOLS PART NUMBER	MACHINE TOOLS PART NUMBER	SCREW SIZE	STANDARD PACKAGE
230951	90-BS-16506-2A	Back Plate	Nickel Plated	Canvas	90-XX-16205-1A, 90-XX-16205-2A, 90-XX-16205-1B, 90-XX-16205-2B, 90-XX-16206-1A, 90-XX-16206-2A, 90-XX-16206-2B	9940	1455		1000
230952	90-BS-16509-2A	Washer	Nickel Plated	Canvas	90-XB-16358-1A, 90-XB-16358-2A, 90-XB-16358-2B		1457		1000
230955	90-X8-163606-2A	Screw Stud	Nickel Plated/Stainless Steel Screw	Wood, Metal, Plastic		169B		1/2 in.	1000
230956	90-PS-16510-29	Washer		Canvas	90-XX-16205-1A, 90-XX-16205-2A, 90-XX-16205-1B, 90-XX-16205-2B, 90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C				1000
230978	90-XX-16205-2B	Socket	Black Oxide	Canvas	90-BS-16506-1A, 90-BS-16506-2A, 90-BS-16506-2C		1454		1000
230979	90-BS-16506-2C	Back Plate	Black Oxide	Canvas	90-XX-16205-1A, 90-XX-16205-2A, 90-XX-16205-1B, 90-XX-16205-2B, 90-XX-16206-1A, 90-XX-16206-2A, 90-XX-16206-2B		1455		1000
231120	90-XB-16368-1A	Stud	Nickel Plated	Canvas, Metal, Plastic	90-XX-16205-1A, 90-XX-16205-2A, 90-XX-16205-1B, 90-XX-16205-2B, 90-XX-16206-1A, 90-XX-16206-2A, 90-XX-16206-1B, 90-XX-16206-2B, 90-XX-16206-2E	9940			100
231125	90-X8-163607-1A	Screw Stud	Nickel Plated/Stainless Steel Screw	Metal, Plastic	X8-16205, X8-16206	169B			100

DOT® and Lift-The-Dot® are registered trademarks of Scovill, Inc.

FASTENER – WINDSHIELD CLIP

Top Snap Fasteners snap over a boat windshield channel, eliminating need for drilling holes through the windshield. The clip portion of the Top Snap Fastener is made of stainless steel to resist corrosion. Socket portion is made of nickel-plated brass. DOT® Durable™ Button and Sockets are inserted through fabric top, then snapped onto the Top Snap Fastener.



No. 230745



No. 230909

ITEM #	STYLE #	DESCRIPTION	FINISH	SIZE	STANDARD PACKAGE
230738	93-XX-10388-1A	Windsheld Clip	Nickel Plated/Stainless Steel Clip	3/4 in. x 9/16 in.	100
230745	93-XX-10391-1A	Windsheld Clip	Nickel Plated/Stainless Steel Clip	7/8 in. x 9/16 in.	100
230909	93-XX-10388-2A	Windsheld Clip	Nickel Plated/Stainless Steel Clip	3/4 in. x 9/16 in.	1000
230910	93-XX-10391-2A	Windsheld Clip	Nickel Plated/Stainless Steel Clip	7/8 in. x 9/16 in.	1000

DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.

DOT® PULL-THE-DOT®

The Pull-The-Dot Fastener is a side-locking snap fastener, similar to the Durable™ Glove-style fastener, except for its “built-in” locking feature. This fastener will withstand extreme pressure on three sides without unlocking, yet will release instantly on the fourth side if one “pulls the dot” embossed on one side of the button. Pull-The-Dots have no sharp edges or protrusions to tear or mar the fabric to be fastened.



Since the socket opens only on one side, care must be taken that the button and socket are set so that the fastener can be opened at the desired position.



No. 230800



No. 230801



No. 230802



No. 230823

ITEM #	STYLE #	DESCRIPTION	FINISH	STANDARD PACKAGE
230799	92-BS-18303-2C	Stud	Black Oxide	1000
230800	92-XE-18100-A4A	Cap	Nickel	100
230801	92-XX-18201-4A	Socket	Nickel	100
230802	92-BS-18303-4A	Stud	Nickel	100
230803	92-X8-183074-1A	Stud	Nickel/Stainless Steel Screw	100
230819	92-XE-18100-A2B	Cap	Black Oxide	1000
230820	92-XE-18100-A2A	Cap	Nickel	1000
230821	92-XX-18201-2A	Socket	Nickel	1000
230822	92-BS-18303-2A	Stud	Nickel	1000
230823	92-X8-183074-2A	Stud	Nickel/Stainless Steel Screw	1000
230842	92-XX-18201-2C	Socket	Black Oxide	1000

DOT® and Pull-The-Dot® are registered trademarks of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



No. 223507



No. 223560



No. 223558



No. 275577

DOT® PULL-THE-DOT® DIES

ITEM #	STYLE #	FOR USE WITH
223507	1407	BS-10412 eyelet
223558	9758	XE-18100 button
223560	8059	XX-18201 socket
275577	9760	BS-18303 stud



No. 231014



No. 231015



No. 231016

SNAPFAST® SYSTEM

The Snapfast fastening system offers an alternative to traditional all-metal directional fasteners. This non-corrosive directional fastening system has no moving parts and unlocks from one direction only. The sockets and studs are manufactured from heavy-duty polyacetal with a UV stabilizer. Snapfast's stainless steel pronged cap self-pierces most industrial fabrics and installs easily using hand tools.

ITEM #	STYLE #	DESCRIPTION	COLOR	FINISH	STANDARD PACKAGE
231014	SNPTSTB	Socket	Black		100
231015	SNPFSTC	Stud	Black		100
231016	SNPFSTA	Pronged Cap		Stainless Steel	100
231045	SNPFSTLA	Long Pronged Cap		Stainless Steel	100
231046	SNPFSTBW	Socket	White		100
231047	SNPFSTCW	Stud	White		100

Snapfast® is a registered trademark of The FASNAP Corporation.



No. 289264



No. 289270



No. 289281



No. 289284

STAYPUT™ FASTENERS

"Stayput" for a secure and corrosion free fastening solution. Stayput canvas fasteners have no springs to corrode or jam. They are manufactured from UV stabilized nylon and acetyl compounds. Originally designed for the marine market, are now used extensively in all areas of fabric fastening.

ITEM #	STYLE #	DESCRIPTION	COLOR
289262	48B	Tent Wall J-Hook	Black
289263	48W	Tent Wall J-Hook	White
289264	87B	Attach Knob	Black
289265	86W	Attach Knob	White
289266	37B	Horizontal Single	Black
289268	37W	Horizontal Single	White
289270	34B	Vertical Single	Black
289272	34W	Vertical Single	White
289273	35W	Vertical Double	White
289276	40W	Canvas to Canvas Double	White
289280	50W	Tent Wall Hook	White
289281	50B	Tent Wall Hook	Black
289283	70W	Ultimate Shock Cord Clip	White
289284	70B	Ultimate Shock Cord Clip	Black
289292	71W	Ultimate Clip Back	White
289293	71B	Ultimate Clip Back	Black

Stayput™ is a trademark of Stayput Fasteners.



No. 231065



No. 231077

SNAD® PRESSURE SENSITIVE YKK® FASTENERS

The YKK SNAD fastener is a durable, innovative snap fastener that attaches to various substrates and surfaces using a sophisticated, and proven adhesive. This eliminates having to drill holes in surfaces to mount the fastener.

ITEM #	STYLE #	DESCRIPTION	COLOR	DIAMETER	SIZE
231065	PG3-0000-A01	Domed Stud	Black	1-9/16 in.	
231068	PG1-0000-839	Domed Socket	White	1-9/16 in.	
231069	PG3-0000-839	Domed Stud	White	1-9/16 in.	
231071	PG1-0000-A01	Domed Socket	Black	1-9/16 in.	
231073	QL7-0000-QP3	Flexible Base Stud	White		
231075	QL7-0000-PX7	Flexible Base Stud	Gray		
231076	TP9-0000-TVO	Flexible Base Stud	Clear		25 mm
231077	QL7-0000-QK1	Flexible Base Stud	Black		
231078	TR5-0000-TVO	Flexible Base Socket	Clear		25 mm
231079	TT5-0000-TVO	Flexible Base Stud	Clear		40 mm
231107	QW9-0000-839	Domed Stud	White	1 in.	
231108	QW9-0000-A01	Domed Stud	Black	1 in.	

YKK® and SNAD® are registered trademarks of YKK Corporation of America.



No. 228180



No. 228181



No. 228186



No. 228187

MENAX® SNAP FASTENERS

This efficient hardware provides a heavy-duty, corrosion resistant fastening system. Menax Snap fasteners provide a durable and easy to handle option for fabric to fabric, and fabric to hard surface applications.

ITEM #	STYLE #	DESCRIPTION	COLOR	FINISH	MATERIAL	SIZE	STANDARD PACKAGE
228180	23.2010.71.21	Snap Fastener with Threaded Washer Nut	White		Polyacetal (POM)		100
228181	23.2020.71.21	Fabric to Fabric Post with Threaded Washer Nut	Black		Polyacetal (POM)		100
228182	23.2010.79.21	Snap Fastener with Threaded Washer Nut	White		Polyacetal (POM)		100
228183	23.2020.79.21	Fabric to Fabric Post with Threaded Washer Nut	Black		Polyacetal (POM)		100
228184	23..2108.21.21	Machine Screw Post with Washer/Nut		Nickel Plated	Brass	8 mm	100
228185	81.2002.19.01	Driver Key					
228186	23.2112.21.21	Machine Screw Post with Washer/Nut		Nickel Plated	Brass	12 mm	100
228187	23.2325.21.21	Wood Screw Post with Washer		Nickel Plated	Brass	12 mm	100
228188	23.2425.18.21	Post			Stainless Steel	15 mm	100

Menax® is a registered trademark of American Keder, Inc.



No. 251997

SUCTION CUP

A solution to your "no hardware" needs, this giant suction cup has 60 pounds of holding power. Secures to any smooth surface. Ideal for "rack storage" boat covers.

ITEM #	STYLE #	CORD SIZE	SIZE	STANDARD PACKAGE	STRETCH SIZE
251997	CT6	6 in.	3-1/2 in.	1	11 in.



No. 287820

BOAT TOP FITTINGS – ALUMINUM – BOAT COVER SOCKET

Cast aluminum alloy. Ideal to keep boat covers from sagging. Use with Trivantage® Fiberglass Bow Slats to support boat cover. Two screw holes drilled for No. 8 screw.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
287820	440-22	5/8 in. height, 1-7/8 in. x 1/2 in opening, 3-1/2 in. x 7/8 in. base	10

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 282146

BOAT TOP FITTINGS – ALUMINUM – INSERT EYE END

When inserted, flange of Eye End is flush with outside of tubing. Must be secured by means of crimping tool or rivet. For use with Deck Mounting and Angle Hinges.



No. 282149

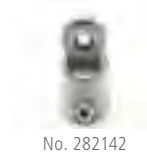
ITEM #	STYLE #	FOR	STANDARD PACKAGE
282146	4434-12	3/4 in. OD tube, 5/8 in. ID tube	10
282149	4436-16	7/8 in. ID tube, 3/4 in. ID tube	10



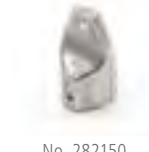
No. 281104



No. 282143



No. 282142



No. 282150

BOAT TOP FITTINGS – ALUMINUM – SLIP FIT EYE END

With stainless steel set screw.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
281104*	424-4S	1/2 in. pipe, 7/8 in. OD tube	10
281105	424-4S	1/2 in. pipe, 7/8 in. OD tube	10
282142	422-3S	3/8 in. pipe	10
282143	433-7S	3/4 in. OD tube	10
282150	438-10S	1 in. OD tube	10

*281104 - With square head set screw.



No. 284048

BOAT TOP FITTINGS – ALUMINUM – ANGLE HINGE

10° angle, with stainless steel screw.

ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
284048	487-513	1 in.	10



No. 284047

BOAT TOP FITTINGS – ALUMINUM – DECK MOUNTING HINGE



No. 284049

ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
284047	477-2A	3/4 in.	10
284049	478-523	1-1/8 in.	10



No. 284050

BOAT TOP FITTINGS – ALUMINUM – PONTON DECK HINGE

90° aluminum deck hinge designed for use on pontoon boats with 1 inch square aluminum tubing. Made from 6063-T6 extruded aluminum with satin anodization for uniform finish. Requires a 1/4 inch diameter pull pin.

ITEM #	STYLE #	STANDARD PACKAGE
284050	BH76	10



No. 287650

BOAT TOP FITTINGS – ALUMINUM – JAW SLIDE

Equipped with stainless set screw, and round head machine screw.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
287650	468-70J	1 in. OD tube	10
287688	458-5042	1/2 in. pipe, 7/8 in. OD tube	10



No. 287688



No. 287647

BOAT TOP FITTINGS – ALUMINUM – PONTON JAW SLIDE

Designed for use on pontoon boats with 1 inch square aluminum tubing. Made from 6063T6 extruded aluminum with satin anodization for uniform finish. A 1/4 – 20 x 5/16 inch stainless steel socket set screw, a 1/4 – 20 stainless steel hex head shoulder bolt and a nylok hex nut are included.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
287647	BH74	1 in. square tube	10



No. 287642

BOAT TOP FITTINGS – ALUMINUM – PONTON H BRACKET

Designed for use on pontoon boats with 1-1/4 inch square aluminum tubing. Includes bolt and nut.

ITEM #	DESCRIPTION	FOR	STANDARD PACKAGE
287640	Standard Thin Wall	1 in. square tube	1
287642	Tall	1 in. square tube	10



No. 239960

BOAT TOP FITTINGS – ALUMINUM – TOWER CLAMP

These Tower Clamps with knobs are designed for use with eye ends to attach Bimini frame hardware to a tower on large cruisers and sport fishing vessels.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
239959	200960	1-1/2 in.	10
239960	200980	2-1/8 in.	10
239961	200999	2-3/8 in.	10

MARINE TUBING – ALUMINUM

This bright dip anodized, drawn aluminum tubing is ideal. Less than full cartons are not recommended.

ITEM #	STYLE #	DESCRIPTION	LENGTH	OUTSIDE DIAMETER	WALL	WEIGHT PER CARTON	WEIGHT PER FOOT
275710		Round	20 ft.	3/4 in.	0.065 in.	72 lbs.	0.1644 lbs.
275711		Round	20 ft.	7/8 in.	0.065 in.	84 lbs.	0.2100 lbs.
275712		Round	20 ft.	7/8 in.	0.058 in.	70 lbs.	0.1750 lbs.
275713		Round	20 ft.	7/8 in.	0.095 in.	110 lbs.	0.2750 lbs.
275714		Round	24 ft.	7/8 in.	0.058 in.	70 lbs.	0.1750 lbs.
275715	6120	Round	20 ft.	3/4 in.	0.058 in.	167 lbs.	0.1546 lbs.
275718	6154	Square	24 ft.	1 in.	0.062 in.	178 lbs.	0.2650 lbs.
275719	6111-18	Round	24 ft.	7/8 in.	0.065 in.		0.2100 lbs.



No. 205381

BIMINI BOW FRAMES

Bow Bimini top kit (minus fabric). Comes in ready-to-assemble kit form. Packaged one boat set per box with hardware. Made with 7/8 in. outside diameter by 0.058 wall 6063, T832 hard drawn marine aluminum tubing with a brite anodized finish and joined together with inside sleeves. The radius of the bends is 6 in. inside diameter.

ITEM #	STYLE #	DESCRIPTION	MATERIAL
205381	4850D	2 Bow Frame	Aluminum
205382	4851D	3 Bow Frame	Aluminum

BOW SLATS – FIBERGLASS

These Trivantage® fiberglass bow slats have a slightly rounded edge, which reduces splinters and prevents damage to fabricated products like boat covers.

ITEM #	COLOR	LENGTH	STANDARD PACKAGE
266361	Natural	6 ft.	10
266362	Natural	6- 1/2 ft.	10
266363	Natural	7 ft.	10
266364	Natural	8 ft.	10
266365	Natural	10 ft.	10

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 286199

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – COAMING SIDE PLATE

For use on side of boat when regular hinge cannot be mounted on deck. Furnished with 1/4 inch – 28 x 3/4 inch stainless steel hinge bolt.

ITEM #	STYLE #	STANDARD PACKAGE
286199	898-1839	10



No. 282186

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – INSERT EYE END

When inserted, flange of eye end is flush with outside of tubing. Must be secured by means of crimping tool or rivet. For use with Deck Mounting and Angle Hinges.

ITEM #	STYLE #	FOR	STANDARD PACKAGE
282185	1385	3/4 in. OD tube x 0.049 wall	10
282186	1836	7/8 in. OD tube x 0.049 wall	10



No. 282177

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – SLIP FIT EYE END

With stainless steel set screw.

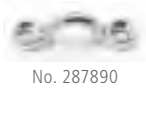


No. 282183

ITEM #	STYLE #	FOR	STANDARD PACKAGE
282177	824 HD	7/8 in. OD tube	10
282183	833A-1842	3/4 in. OD tube / 3/8 in. vinyl covered pipe	10
282184	824-1843	7/8 in. OD tube	10



No. 282184



No. 287890

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – EYE STRAP

ITEM #	STYLE #	STANDARD PACKAGE
287890	8816	10

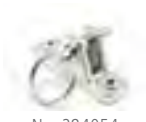


No. 284088

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – ANGLE HINGE

10° angle, with stainless steel screw.

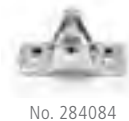
ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
284088	887-1841	1 in.	10



No. 284054

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – DECK HINGE

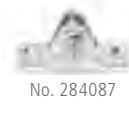
ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284054	N1846	Angle Deck Hinge – 5° with Quick Release	10



No. 284084

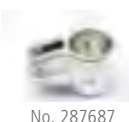
BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – DECK MOUNTING HINGE

Furnished with stainless steel machine screw.



No. 284087

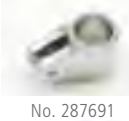
ITEM #	STYLE #	PROJECTION	STANDARD PACKAGE
284084	878 HD	1-1/16 in.	10
284087	877	1-1/16 in.	10



No. 287687

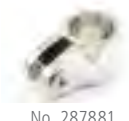
BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – JAW SLIDE

Equipped with stainless steel set screw and machine screw.



No. 287691

ITEM #	STYLE #	FOR	STANDARD PACKAGE
287686	865	3/4 in. OD tube, 3/8 in. vinyl covered tube	10
287687	856-1838	7/8 in. OD tube	10
287691	856 HD	7/8 in. OD tube	10
287881	86004	7/8 in. OD tube	10



No. 287881

BOAT TOP FITTINGS – CHROME-PLATED ZINC DIE-CAST – BOAT COVER SOCKET

Ideal to keep boat covers from sagging. Use with Trivantage® Fiberglass Bow Slats to support boat cover. Two screw holes drilled for No. 8 screw.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
287839	840	1/2 in. height, 1-3/4 in. x 3/8 in. opening, 3-3/8 in. x 7/8 in. base	10
287840	740-CR180	3/8 in. height, 1-3/4 in. x 3/8 in. opening, 3-3/8 in. x 3/4 in. base	10

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 249205

LEATHER PEARL SPLITS

Used for boat cover reinforcing. Approximately 6 to 8 square feet per hide; approximately 4 ounce per square feet. Sold in full hides only.

ITEM #

249205



No. 207608

BOAT TOP FITTINGS – NICKEL-PLATED BRASS – ADJUSTER BUCKLE

Single bar buckle to adjust strap.

ITEM # STYLE # STANDARD PACKAGE WEBBING SIZE

207608	100	100	1 in.
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No. 287872

BOAT TOP FITTINGS – NICKEL-PLATED BRASS – EYE STRAP

Style No. 2816 Eye Strap is for fastening No. 142-A Snap Hook to deck. Style No. 2916 Eye Strap is for fastening No. 249-0 Snap Hook to deck.

ITEM # STYLE # MATERIAL STANDARD PACKAGE

287870	2816	Nickel Plated Brass	10
287872	2916	Nickel Plated Brass	10



No. 266748

BOAT TOP FITTINGS – NICKEL-PLATED BRASS – SOLID EYE SNAP HOOK

ITEM # STYLE # LENGTH STANDARD PACKAGE

266748*	249-0	2-1/8 in.	10
266758	649	2 in. - 2-1/8 in.	10

*266748 - For use with 287872 Eye Strap.



No. 289639

BOAT TOP FITTINGS – NYLON – BIMINI TOP LADDER CLIP

ITEM # STYLE # COLOR SIZE STANDARD PACKAGE

289598	4330W	White	7/8 in.	10
289599	4330	Black	1 in.	10
289639	4330	Black	7/8 in.	10
289640	4330W	White	1 in.	10



No. 289160

BOAT TOP FITTINGS – NYLON – FABRIC CLIP

ITEM # FOR STANDARD PACKAGE

289160	7/8 in. round x 1 in. round tubing	25
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No. 289607

BOAT TOP FITTINGS – NYLON – RIGID SUPPORT CLIP

ITEM # STYLE # COLOR SIZE STANDARD PACKAGE

289607	21463	Black	7/8 in.	10
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No. 289608

BOAT TOP FITTINGS – NYLON – VADNEY CLIP

ITEM # STYLE # COLOR

289608	1178120	Black
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No. 289201

BOAT TOP FITTINGS – NYLON – EYE END

ITEM # STYLE # COLOR FOR STANDARD PACKAGE

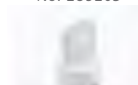
289201	7402	White		10
289202	7416	White	3/4 in. OD tube	10
289203	7417	White		10
289204	7419	White	7/8 in. OD tube	10
289251	7402	Black		10
289252	7416	Black	3/4 in. OD tube	10
289253	7417	Black		10
289254	7419	Black	7/8 in. OD tube	10
289255	7419	Natural	7/8 in. OD tube	10



No. 289202



No. 289203



No. 289204



No. 289592

BOAT TOP FITTINGS – NYLON – EYE STRAP

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
289591	7407	White	10
289592	7407	Black	10



No. 289089

BOAT TOP FITTINGS – NYLON – GASKET

Rubber gasket.

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
289089	401-GB	Black	10



No. 289097

BOAT TOP FITTINGS – NYLON – CURVED SHIM

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
289097	401-S-2.36B	Black	10
289098	401-S-2.36	Silver	10



No. 289302



No. 289430

BOAT TOP FITTINGS – NYLON – HINGE

ITEM #	STYLE #	DESCRIPTION	COLOR	SIZE	STANDARD PACKAGE
289302	7405	Large Deck Hinge	White		10
289351	7401	Small Deck Hinge	Black		10
289352	7405	Large Deck Hinge	Black		10
289354	7431	Deck Hinge/Slide Combination	Black		10
289430	7424P	Knurl Screw	Black	1/4 in. - 20 x 7/8 in.	10
289431	7424P	Knurl Screw	White	1/4 in. - 20 x 7/8 in.	10



No. 289453



No. 289454



No. 289458

BOAT TOP FITTINGS – NYLON – JAW SLIDE

ITEM #	STYLE #	COLOR	FOR	STANDARD PACKAGE
289451	7406	White	3/4 in. OD Tubing	10
289452	7418	White	7/8 in. OD Tubing	10
289453	7406	Black	3/4 in. OD Tubing	10
289454	7418B	Black	7/8 in. OD Tubing	10
289458	7515	Black	1 in. Square Tubing	10



No. 289362

BOAT TOP FITTINGS – NYLON – LASHING HOOK

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
289360	7420	White	10
289362	7420	Black	10
289394	7460B	Black	10



No. 289460

BOAT TOP FITTINGS – NYLON – DOUBLE WING WINDSHIELD LATCH

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
289460	7222B	Black	10

BOAT TOP FITTINGS – NYLON – SOCKET BOW

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
289610	7434	Black	10



No. 289619

BOAT TOP FITTINGS – NYLON – SIDE CURTAIN SPACER

Designed to keep clear vinyl side curtains away from convertible top frames. Eliminates scratching and discoloration of vinyl curtains. Snaps over a 7/8 inch or 1 inch outside diameter tube. No tools required for assembly.

ITEM #	STYLE #	COLOR	FOR	STANDARD PACKAGE
289618	7628	White	7/8 in. OD tube	10
289619	7629	White	1 in. OD tube	10
289620		White	7/8 in. OD tube	10
289628		Gray	7/8 in. OD tube	10



No. 289088



No. 289091

BOAT TOP FITTINGS – NYLON – WEDGE

Converts 90° deck hinges to angle hinges. Install between deck hinge and deck.

ITEM #	STYLE #	DESCRIPTION	COLOR	STANDARD PACKAGE
289088	401-3SB	Base Angle Polywedge – 10°	Black	10
289090	9530	Base Angle Wedge – 9°	Natural	10
289091	7530B	Base Angle Wedge – 9°	Black	10
289092	401-3SN	Base Angle Polywedge – 10°	Natural	10

NYLON POLE FITTINGS



No. 289095



No. 289180



No. 289182



No. 289185



No. 289191



No. 289625

ITEM #	STYLE #	DESCRIPTION	COLOR	SIZE	STANDARD PACKAGE
289095	9518	Soft Outside End Cap	Black	7/8 in.	10
289180	7610B	Pole Tip	Black	7/8 in.	10
289181	7619	Vinyl Foot	Black	3/4 in.	10
289182	7620	Vinyl Foot	Black	7/8 in.	10
289183	7621	Pole End with Stainless Steel Cap	Black	3/4 in.	10
289185	7623	Jointer Section	Black		10
289190	PE20	Pole End Insert with Snap	Black	3/4 in.	10
289191	PE25	Pole End Insert with Snap	Black	7/8 in.	10
289625	7623	Tubing Adjustment Collar	Black	3/4 in. - 7/8 in.	10

NYLON POLE PADS

Non-slip base pole pad.

ITEM #	SIZE	STANDARD PACKAGE
274823	7/8 in.	10



No. 274819

TIP – RUBBER

Eliminates damage or wear on fabric end curtains of patio awning where a Tie-Down Bar is used. Slips over ends of pipe used on roller curtains, to prevent end of pipe from chafing side of house. Can also be used on mooring poles to prevent marring boat floor.

ITEM #	STYLE #	DESCRIPTION	COLOR	FOR	STANDARD PACKAGE
274815	18	Tip	White	3/4 in. tubing	10
274816	17	Tip	White	5/8 in. tubing, 3/8 in. pipe	10
274817	17	Tip	Black	5/8 in. tubing, 3/8 in. pipe	10
274818	19	Tip	White	7/8 in. tubing, 1/2 in. pipe	10
274819	19	Tip	Black	7/8 in. tubing, 1/2 in. pipe	10
476095	18	Tip with Stud	White	3/4 in. tubing	10

SLIDE TRACK – NYLON – TRACK

ITEM #	STYLE #	LENGTH
266343	6410 TM-5	14 ft.



No. 289551

SLIDE TRACK – NYLON – SLIDES

ITEM #	STYLE #	DESCRIPTION	COLOR
289505	7408	Slide for Deck Hinge	Natural
289551	7408	Slide for Deck Hinge	Black
289553	7430	Side Mount Slide	Black



No. 289342

SLIDE TRACK – NYLON – HINGE

ITEM #	STYLE #	DESCRIPTION	COLOR	SIZE	STANDARD PACKAGE
289342	7443	Concave Hinge Rail	Black	7/8 in.	10



No. 289402

SLIDE TRACK – NYLON – MOUNTING PLATE

ITEM #	STYLE #	DESCRIPTION	COLOR	STANDARD PACKAGE
289402	7415	Slide Mount Plate – 2-Hole	Black	10



No. 284224

SLIDE TRACK – NYLON – SLIDE CAP

ITEM #	STYLE #	DESCRIPTION	COLOR	STANDARD PACKAGE
284224		Slide Track End Cap	White	10
289102	7404	Slide Cap Channel Trim End Cap	Black	10
289153	7429	Slide Cap Channel Trim End Insert	Black	10



No. 289102



No. 289371

SLIDE TRACK – NYLON – SLIDE LOCK

ITEM #	STYLE #	DESCRIPTION	COLOR	STANDARD PACKAGE
289371	7432	Slide Lock	Black	10



No. 154700

POLE – MOORING – ALUMINUM “THUMB SCREW”

Designed especially for boat mooring covers, the 730 Mooring Pole adjusts to 70 in. overall and collapsed measures 40-5/8 inch. Has 2-1/2 inch long swaged tip designed for No. 3 Grommet or larger. Top section is 3/4 inch O.D. x .049 wall and bottom section is 7/8 inch O.D. x .042 wall, mill finish, drawn 6063T832 aluminum tubing. Comes with crutch tip bottom to prevent marring of boat floor.

ITEM #	STYLE #	MAXIMUM EXTENSION	STANDARD PACKAGE
154700	730	5 ft. 10 in.	10



No. 205454

POLE – MOORING – ALUMINUM EXTENSION

A medium range, multi-purpose support pole with interchangeable end components. Simply turn the pole extension around for a choice of either plastic injection molded end with snap stud or a molded swaged tip.

ITEM #	STYLE #	DESCRIPTION	EXTENSION BAR THREADED	STANDARD PACKAGE
205453	4848		48 in. to 96 in.	10
205454	3636	Black Crutch Tip	40 in. to 70 in.	10

POLE – SUPPORT – ALUMINUM EXTENSION

A medium range, multi-purpose support pole with interchangeable end components. Simply turn the pole extension around for a choice of either plastic injection molded end with snap stud or a molded swaged tip.

ITEM #	STYLE #	EXTENSION BAR THREADED	SIZE	STANDARD PACKAGE
205452	X47A-2		47 in.	10
205457	X59A-2TIP		59 in.	10
205459	X70A-2TIP		70 in.	10

BOAT TOP FITTINGS – ALUMINUM – POP RIVET

ITEM #	SIZE	STANDARD PACKAGE
248222	1/4 in. x 0.481 in.	100

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – ADJUSTER BUCKLE



No. 207620

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE	WEBBING SIZE
207620	300	Adjuster Buckle Single Bar	10	1 in.

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – DEE RING



No. 260450

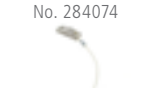
ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE
260450	127-20-70816	Welded	1 in.	10
260456		Welded	1-1/2 in.	10
284235	SS-563-1		1 in.	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – PULL PIN



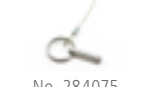
No. 284074

Item no. 284704 – Pull pin with 3/16 inch diameter pin, 1 inch grip and 1 inch ring handle.



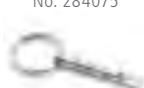
No. 284075

Item no. 284075 – Pull pin with 1/4 inch diameter pin, 3/4 inch grip, 1 inch ring handle, and 6 inch nylon-coated, stainless steel lanyard with 1-1/4 inch stainless steel tab.



No. 284077

Item no. 284077 – Pull pin with 1/4 inch diameter flip type pin and 1-1/8 inch ring; pin includes stainless steel wire outer spring guard for flip.



No. 284097

Item no. 284097 – Pull pin with 1/4 inch diameter flip type pin, 1-1/8 inch ring and 6 inch plastic coated, stainless steel lanyard with 1-1/4 inch stainless steel tab; pin includes stainless steel wire outer spring guard for flip.

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284074	C3-10R-303	Pull Pin	10
284075	74-7-303	Pull Pin with Lanyard/Tab	10
284077	1815-1	Pull Pin – Flip Type	10
284097		Pull Pin with Lanyard/Tab – Flip Type	10



No. 284060

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – LIFT RING

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284060	F16-1812	Flush Mount Lift Ring	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – MACHINE BOLT



No. 206050

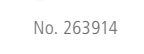
ITEM #	DESCRIPTION	STANDARD PACKAGE	THREADED FOR SIZE
206050	Machine Bolt for #388 Deck Plate	10	5/16 - 18

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – HINGE/SET SCREW

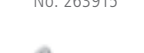
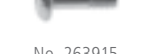


No. 263914

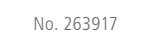
ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE	THREADED FOR SIZE
263914		Machine Screw for #356/357 Jaw Slides		10	1/4 - 20
263915		Machine Screw for #387 Angle Hinge		10	1/4 - 20
263917		Machine Screw for #378/386 Hinge		10	1/4 - 20
263918		Machine Screw for #398 Side Deck Plate		10	1/4 - 20
263930		Cup Point Set Screw	3/16 in.	10	1/4 - 28
284282	88338	Cone Point Allen Drive Set Screw	3/16 in.	100	1/4 - 28



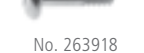
No. 263915



No. 263917



No. 263918



No. 263930



No. 266752

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 304 – SNAP HOOK

ITEM #	STYLE #	DESCRIPTION	MATERIAL	LENGTH	STANDARD PACKAGE	WEBBING SIZE
266683	142-A	Steel Wire Snap	Stainless Steel	2-1/8 in.	100	1 in.
266752	142-A	Steel Wire Snap	Stainless Steel	2-1/8 in.	100	2 in.



No. 282132



No. 282173



No. 282133



No. 284257



No. 282172

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – EYE END

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282132	324-88313	Eye End	7/8 in. OD tube	10
282133	338-88314	Eye End	1 in. OD tube	10
282172	324	Eye End	7/8 in. OD tube	10
282173	338	Eye End	1 in. OD tube	10
284257	88328	Eye End with Double Set Screw	1-1/4 in. OD tube	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – ADJUSTABLE EYE END



No. 284264

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
284264	9114660	Adjustable Eye End	1 in. OD tube	1 Pair



No. 282210



No. 282214



No. 282211

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – BALL EYE END

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282209	F11-0177A	Ball Eye End For Pop Rivet	7/8 in. OD tube	10
282210	F11-0177S	Ball Eye End For Set Screw	7/8 in. OD tube	10
282211	F11-0180S	Ball Eye End – 90°	7/8 in. OD tube	10
282214	F12-0181S	Ball Eye End	1 in. OD tube	10



No. 282171

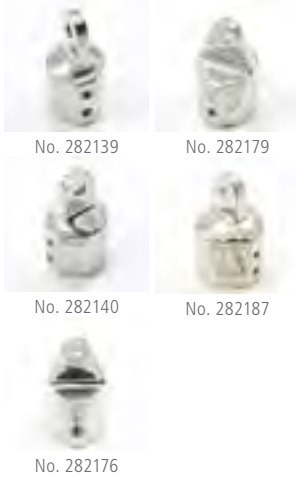


No. 282175

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – COUNTER BORE EYE END

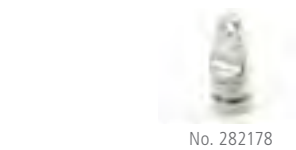
ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282171	324	Counter Bore Eye End without Set Screw	7/8 in. OD tube	10
282175	333	Counter Bore Eye End without Set Screw	3/4 in. OD tube	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – HUMPBACK EYE END



ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282139	88396	Humpback Eye End with Double Set Screw	7/8 in. OD tube	10
282140	88397	Humpback Eye End with Double Set Screw	1 in. OD tube	10
282176	324	Humpback Eye End	7/8 in. OD tube	10
282179	338	Humpback Eye End	1 in. OD tube	10
282187	8208	Humpback Eye End with 2 Double set Screws	1-1/4 in. OD tube	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – INSERT EYE END



ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282178	324I	Eye End Insert	7/8 in. OD tube	10
282180	338I	Eye End Insert	1 in. OD tube	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – EYE STRAP



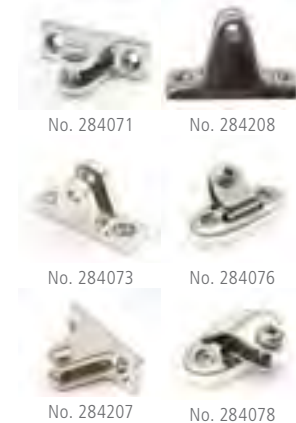
ITEM #	STYLE #	DESCRIPTION	DRILLED FOR	STANDARD PACKAGE
284216	88542	Formed Eye Strap	#8 screw	10
284276	88545	Eye Strap		10
287874	3716	Heavy Duty Eye Strap		10
287875	3816	Eye Strap		10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – GRAB HANDLE



ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284262	9114665	Bimini/Dodger Adjustable Grab Handle	2

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – ANGLE HINGE



ITEM #	STYLE #	DESCRIPTION	DRILLED FOR	PANHEAD SCREW	PROJECTION	SIZE	STANDARD PACKAGE
284071	387	Angle Hinge – 10°	#10 screw	1/4 - 20	1 in.	7/8 in. x 2 in.	10
284073*	387QR	Angle Hinge without Pin – 10°	#10 screw	1/4 - 20	1 in.	7/8 in. x 2 in.	10
284076	886	Universal Deck Hinge – 90°	1/4 in. screws	M6 x 1	7/8 in.	1 in. x 2-1/8 in.	10
284078	886A	Universal Deck Hinge – 45°	1/4 in. screws	M6 x 1	1 in.	1 in. x 2-1/8 in.	10
284207	230	Angle Hinge with Screw	#10 screw				10
284208	233	Angle Hinge without Screw	#10 screw				10

*284073 - 1/4 inch drilled hole (no pin).

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – CONCAVE HINGE



No. 284086



No. 284210



No. 284209

ITEM #	STYLE #	DESCRIPTION	DRILLED FOR	PROJECTION	SIZE	STANDARD PACKAGE
284086	386R	Concave Hinge	#10 screw	1-1/4 in.	3/4 in. x 2-7/16 in.	10
284209	88321	Concave Hinge with 1/4 in. Bolt	#10 screw	1-3/8 in.	7/8 in. x 2 in.	10
284210	88321N	Concave Hinge without Pin	#10 screw	1-3/8 in.	7/8 in. x 2 in.	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SOCKET



No. 284120



No. 284124



No. 284123

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284120	F13-0241/244BN	Deck Hinge Socket with Lanyard	10
284123	F13-0301/244BN	Hinge Socket with Lanyard	10
284124	F13-0242/244BN	Concave Hinge Socket with Lanyard	10
284132	F13-1095P	Socket Hinge with D-Ring – Port	10
284133	F13-1095S	Socket Hinge with D-Ring – Starboard	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – DECK HINGE



No. 282134



No. 284206



No. 284059



No. 284102



No. 284082



No. 284070



No. 284083

ITEM #	STYLE #	DESCRIPTION	DRILLED FOR	PANHEAD SCREW	PROJECTION	SIZE	STANDARD PACKAGE
282134	88320N	Deck Hinge without Pin – 90°	#10 screw			3/4 in. x 2 in.	10
284040	G615	Universal Deck Hinge					10
284059		Heavy Duty Adjustable Deck Hinge – 90°			1-1/2 in.		10
284070	378	Straight Deck Hinge	#10 screw	1/4 - 20	1-1/8 in.	7/8 in. x 2 in.	10
284082*	378QR	Deck Hinge without Pin	#10 screw		1-1/8 in.	7/8 in. x 2 in.	10
284083	401	Bimini Quick Release Deck Hinge	#10 screw		1 in.	1-3/16 in. x 3-1/2 in.	10
284102	415	Bimini Quick Release Deck Hinge					10
284130	F13-1085P	Deck Hinge with D-Ring Port					10
284131	F13-1085S	Deck Hinge with D-Ring Starboard					10
284206	88320	Deck Hinge – 90°					10
284259	88320-3	High Profile Deck Hinge			1-1/4 in.		10

*284082 - 1/4 inch drilled hole (no pin).

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – POST



No. 284091

ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE
284091	401-P-07	Bimini Quick Release Deck Hinge Post	5/8 in.	10
284109	401-P-07	Bimini Quick Release Deck Hinge Post	1/2 in.	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – LOCKING RAIL HINGE



No. 284265

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
284265	9027204	Locking Rail Hinge with Quick Release Pin	7/8 in. OD tube	10
284270	9027202	Locking Rail Hinge with Quick Release Pin	1 in. OD tube	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SIDE DECK PLATE HINGE



No. 286170



No. 286173

ITEM #	STYLE #	DESCRIPTION	BOLT SIZE	DRILLED FOR	SIZE	STANDARD PACKAGE
286170	398	Side Deck Plate – 2-Hole	1/4 in. - 20	#10 screw	7/8 in. x 2 in.	10
286172	388	Side Deck Plate – 4-Hole	1/4 in. - 20 Phillips			100
286173	388	Side Deck Plate – 4-Hole	5/16 in. Hex			100

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SIDE MOUNT HINGE



No. 289325

ITEM #	DESCRIPTION	FOR	STANDARD PACKAGE
289323	Split Side Mount Hinge	1-1/4 in. OD tube	10
289324	Sliding Side Mount Hinge	1-1/4 in. OD tube	10
289325	Sliding Side Mount Hinge	7/8 in. OD tube	10
289326	Sliding Side Mount Hinge	1 in. OD tube	10
289328	Split Side Mount Hinge	1 in. OD tube	12

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – LASHING HOOK



No. 287876

With two 3/16 inch holes.

ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE
287876	89010	Lashing Hook	1 in. x 1-1/4 in.	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – DOUBLE-SIDED JAW SLIDE



No. 287655

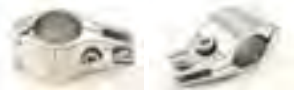
ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
287648	G697S	Double Side Jaw Slide with Swivel Hinge	1 in. OD tube	10
287655	88317-2	Double Sided Jaw Slide	1 in. OD tube	10

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – HEAVY-DUTY JAW SLIDE



No. 284258

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
284258	88329	Heavy Duty Jaw Slide with 2 Set Screws	1-1/4 in. OD tube	10



No. 284268 No. 287638



No. 284269 No. 287639

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – HINGED JAW SLIDE

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
284267	8731442	Hinged Jaw Slide with Allen Set Screw	7/8 in. OD tube	10
284268	8731443	Hinged Jaw Slide with Allen Set Screw	1 in. OD tube	10
284269	8731447	Hinged Jaw Slide with Allen Set Screw	1-1/4 in. OD tube	10
287638	35081	Hinged Jaw Slide	7/8 in. OD tube	10
287639	35082	Hinged Jaw Slide	1 in. OD tube	10



No. 226947

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – RAIL

ITEM #	DESCRIPTION	FOR	STANDARD PACKAGE
226947	Locking Hinged Jaw Slide	1 in. OD tube	10
226948	Locking Hinged Jaw Slide	1-1/4" OD tube	10



No. 282137



No. 287657



No. 282138



No. 287659

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – HUMPBACK JAW SLIDE

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282137	88398	Humpback Jaw Slide with 2 Set Screws	7/8 in. OD tube	10
282138	88399	Humpback Jaw Slide with 2 Set Screws	1 in. OD tube	10
287657	356	Humpback Jaw Slide	7/8 in. OD tube	10
287659	368	Humpback Jaw Slide	1 in. OD tube	10



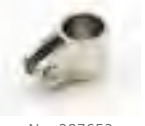
No. 282135



No. 287652



No. 282136



No. 287653



No. 287651

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – JAW SLIDE

ITEM #	STYLE #	DESCRIPTION	FOR	PANHEAD SCREW	STANDARD PACKAGE
282135	356-88316	Jaw Slide without Set Screw	7/8 in. OD tube		10
282136	356-88317	Jaw Slide without Set Screw	1 in. OD tube		10
287651	356	Counter Bore Jaw Slide without Set Screw	7/8 in. OD tube		10
287652	356	Jaw Slide with 1/4-28 Set Screw	7/8 in. OD tube	1/4 - 20	10
287653	368	Jaw Slide with 1/4-28 Set Screw	1 in. OD tube	1/4 - 20	10



No. 284255

**BOAT TOP FITTINGS – STAINLESS STEEL
TYPE 316 – JAW SLIDE FOR POP RIVET**

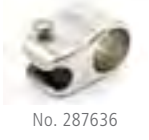
ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
284255	F11-1001	Jaw Slide Socket For Pop Rivet	7/8 in. OD tube	10



No. 287635

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SOCKET JAW SLIDE

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
287635	F11-1001AS	Jaw Slide Socket with Set Screw	7/8 in. OD tube	10



No. 287636

287636	F12-0300S	Jaw Slide Socket with Set Screw	1 in. OD tube	10
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No. 284215

**BOAT TOP FITTINGS – STAINLESS STEEL
TYPE 316 – ADJUSTER BUCKLE**

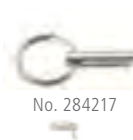
ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
284215	9114706	Web Adjuster Buckle with Recessed Base	1 in. OD tube	10



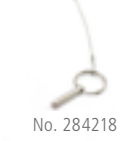
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**BOAT TOP FITTINGS – STAINLESS STEEL
TYPE 316 – PULL PIN**

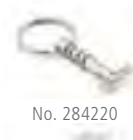
ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284126	F13-0244BN	Pull Pin with Pull Knob and Lanyard	10



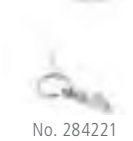
No. 284217



No. 284218



No. 284220



No. 284221



No. 284203

**BOAT TOP FITTINGS – STAINLESS STEEL
TYPE 316 – QUICK RELEASE PIN**

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284217	88546	Quick Release Pin	10
284218	88547	Quick Release Pin with Tab and Cable	10
284220	88551	Quick Release Pin with Long DCAM-S Ring	10
284221	88548	Quick Release Pin with Long DCAM-S Cable	10

**BOAT TOP FITTINGS – STAINLESS STEEL
TYPE 316 – PUSH BUTTON**

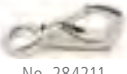
ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
284203	89008	Push Button	10



No. 226965

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SNAP HOOK

ITEM #	STYLE #	DESCRIPTION	FOR	MATERIAL	LENGTH	STANDARD PACKAGE	WEBBING SIZE
226965		Fast Eye Heavy Duty Snap Hook	1 in. OD tube			10	
266750	142-A			Stainless Steel	2-1/8 in.	10	1 in.
284211	249-SS #0	Snap	3/8 in. OD tube			10	
284281	8928263	Heavy Duty Snap Hook	1 in. OD tube			10	



No. 284211



No. 284281



No. 226940

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SIDE MOUNT WITH CONCAVE BASE

ITEM #	DESCRIPTION	STANDARD PACKAGE
226940	Side Mount – 90°	10
226941	Side Mount – 75°	10



No. 226929

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – PLUG

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
226929	88303	Bullet End Plug	7/8 in. OD tube	10



No. 282216

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – ELBOW EYE END

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
282216	88310	Elbow – 90°	1 in. OD tube	10



No. 226920

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – SLIP TEE

ITEM #	DESCRIPTION	FOR	STANDARD PACKAGE
226920	Slip Tee – 90°	7/8 in. OD tube	10
226922	Slip Tee – 90°	1 in. OD tube	10



No. 226922



No. 226921

BOAT TOP FITTINGS – STAINLESS STEEL TYPE 316 – HINGED TEE

ITEM #	DESCRIPTION	FOR	STANDARD PACKAGE
226921	Hinged Slip Tee – 90°	7/8 in. OD tube	10



No. 208340

BOAT TOP FITTINGS – STAINLESS STEEL – PUSH BUTTON

ITEM #	STYLE #	MATERIAL	SIZE	STANDARD PACKAGE
208340	II-132	Stainless Steel	1/4 in.	10



No. 255216

BOAT TOP FITTINGS – STAINLESS STEEL – BOLSTER CLIP

ITEM #	STYLE #	MATERIAL	SIZE
255216	F16-0094	Stainless Steel	3 in.

MARINE TUBING – STAINLESS STEEL TYPE 304

For convertible boat tops and boat railings. Available from 7/8 inch to 1-1/4 inch O.D. with 16 and 18 gauge wall thicknesses. This tubing is tig welded, polished, buffed and paper sleeved. Sold in full lengths only.

ITEM #	GAUGE	LENGTH	OUTSIDE DIAMETER	PUT UP	WEIGHT PER FOOT
275759	16	24 ft.	7/8 in.	480 ft.	0.5591 lbs.
275761	18	20 ft.	7/8 in.	400 ft.	0.4593 lbs.
275763	18	24 ft.	7/8 in.	480 ft.	0.4593 lbs.
275765	16	24 ft.	1 in.	360 ft.	0.6452 lbs.
275768	16	20 ft.	1 in.	300 ft.	0.6452 lbs.
275769	16	24 ft.	1-1/4 in.	216 ft.	0.8174 lbs.
275779	18	24 ft.	1 in.	360 ft.	0.5290 lbs.
275781	16	20 ft.	1-1/4 in.	180 ft.	0.8174 lbs.

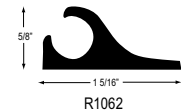
MARINE TUBING – STAINLESS STEEL TYPE 316

ITEM #	GAUGE	LENGTH	OUTSIDE DIAMETER	PUT UP	WEIGHT PER FOOT
275790	16	20 ft.	1 in.	300 ft.	0.6261 lbs.
275791	16	24 ft.	1 in.	360 ft.	0.6261 lbs.
275797	16	24 ft.	1-1/4 in.	216 ft.	0.8174 lbs.

MOLDING – PVC

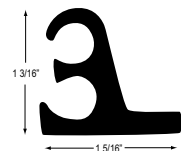


No. 251028



R1062

No. 251051



R1234

No. 251058

This rigid PVC molding is UV resistant, non-corrosive, non-rusting and can be used in or on salt water. Can be shaped very easily.

Will cold crack under extreme cold conditions.

ITEM #	STYLE #	DESCRIPTION	COLOR	DEGREE OF CHANNEL	LENGTH	WEIGHT PER FOOT
251026	1445		White	90 degrees	18 ft.	0.15 lbs.
251028	333		White	90 degrees	8 ft.	0.15 lbs.
251051	R1062		White		8 ft.	0.185 lbs.
251052	R1062		White		14 ft.	0.185 lbs.
251057	R1338	Double Ceiling Molding	White		8 ft.	0.2451 lbs.
251058	R1234	Double Wall Molding	White		8 ft.	0.325 lbs.



No. 578062

TRACK – EZ 100

Concave back, single track designed for use on perimeter pipe and more. Virtually disappears when enclosure is mounted. Available in top or bottom mount.

ITEM #	DESCRIPTION	COLOR	LENGTH
578062	Top Channel Concave	White	8 ft.
578064	Top Channel Concave	White	16 ft.
578065	Bottom Channel Concave	White	8 ft.
578068	Bottom Channel Concave	White	16 ft.



No. 578072

TRACK – EZ 104

Windshield cap track mounts on top edge of windshield. Easily forms to windshield shape.

ITEM #	COLOR	LENGTH
578072	White	8 ft.
578073	White	16 ft.

TRACK – COSTA TRACK®

Costa Track is a center mount track with a heavy-duty PVC profile that maximizes load capability for large covers, bimini and track-to-track enclosures. It is pre-drilled every four inches, and can be heat-formed to most radiuses. Its large channel opening allows use of stainless steel #6 oval head screws for more secure attachment. The deep screw trough base design allows for use of 8.5mm Keder with sufficient clearance of screw heads.

Costa Track is designed with a pocketed underside to accommodate Double-Faced Foam Pressure Sensitive Tape, which is used to set and seal the track to the mounting surface before being secured with the screws.

ITEM #	DESCRIPTION	COLOR	LENGTH	TYPE
578060	UVR Heavy Duty Vinyl	White	8 ft.	Flat
578061	UVR Heavy Duty Vinyl	White	16 ft.	Flat
578063	UVR Heavy Duty Vinyl	Off-White	16 ft.	Flat
578066	UVR Heavy Duty Vinyl	Off-White	16 ft.	Contoured
578067	UVR Heavy Duty Vinyl	White	16 ft.	Contoured

Costa Track® is a registered trademark of Costa Marine Canvas and Enclosures.



TRACK – THREE CHANNEL – PVC

This white PVC Three Channel Track is designed to extend double track capabilities to locations where fasteners are not available, or when track cannot be mounted to a boat, such as the crown on a hardtop, and cross sections of fabric or stainless steel rods. This track can be used with Trivantage® 8.5 mm Keder.

ITEM #	STYLE #	COLOR	LENGTH	PUT UP
578069	0773	White	12 ft.	12 ft.

Trivantage® is a registered trademark of Glen Raven, Inc.

TRACK – FLEX-A-RAIL

Flex-A-Rail provides quick and easy installation of boat windshields, tops, covers and curtains. It can also be used to mount awnings and truck covers.

A PVC extrusion, Flex-A-Rail is non-corrosive and can be run around tight corners without the use of crimping tools. Only small amounts of heat are needed to bend or straighten. Pre-drill holes just slightly larger than the shank of the screw. Holes should be 2 inches to 2-1/2 inches apart for tight radiuses, and 4 inches to 8 inches apart depending upon the configuration of the mounting surface.

ITEM #	STYLE #	DESCRIPTION	COLOR	LENGTH	STANDARD PACKAGE
578017	90-2-W	UVR Vinyl	White	90 in.	100
578018	90-2-B	UVR	Black	90 in.	100
578019	180-2-W	UVR Vinyl	White	180 in.	50



TRACK – HEADLINER

Headliner track is an efficient and cost effective way to install or replace headliners. With Headliner Track, there is no need for staplers or trim strips, and fabricators no longer need to work in enclosed spaces using toxic adhesives and heavy foam backed fabrics.

Headliner Track also makes it possible to replace damaged headliners or work on parts of the boat which were previously not accessible without damaging or rebuilding the entire headliner. Headliner Track allows you to simply pull the fabric out of the track and put it back when the work is done.

Headliner Track is available in two profiles. The Perimeter track is used for the outside edge of a cabin ceiling and the Mid-Wall track is used as an intermediate attachment of the headliner fabric's seams and centerlines. Attached with screws, Headliner Track can be easily mitered for clean corners or slotted for gradual bends and curves.

ITEM #	DESCRIPTION	LENGTH
578070	Perimeter Track	18 ft.
578071	Mid-Wall Track	18 ft.



No. 275454

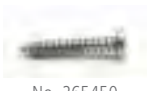


No. 275455

TRACK – HEADLINER – TOOLS

Four custom Headliner track tools make fabric installation a snap. Each tool is lightweight and ergonomically designed with textured, non-slip surfaces. Tools include a 45-degree angle short run tool for tight spaces at close angles; a curved edge tool and straight edge tool for straight runs of short distance; and a nine-inch pizza cutter for long runs of either the Perimeter or Mid-Wall Track.

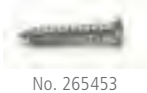
ITEM #	DESCRIPTION
275454	Pizza Cutter Tool
275455	Straight Edge Tool
275456	Curved Edge Tool
275457	Bend Tool – 45°



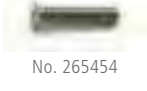
No. 265450



No. 265452



No. 265453



No. 265454

TRACK – TRIM SCREWS

For use with PVC and aluminum track.

ITEM #	DESCRIPTION	MATERIAL	SIZE	STANDARD PACKAGE
265450	Phillips Head Trim Screw	Stainless Steel	#6 x 3/4" x #4 Pan Head	1000
265452*	Hex Driver for Trim Screw			1
265453	Hex Head Trim Screw	Stainless Steel		100
265454	Phillips Head Trim Screw	Stainless Steel	#6 x 5/8" x #4	100

*265452 - For use with Hex Head Trim Screw (Item No. 265453).



No. 277541

VENT – BOAT VENT II®

A plastic cover support and venting device for use with 3/4 inch or 7/8 inch mooring poles. Designed to distribute a greater volume of exhaust air while closing the top-to-bottom gap that keeps rain out. Suitable for all types of fabric. Unique design eliminates the need for screws, saving time.

ITEM #	COLOR	STANDARD PACKAGE
277541	Black	1

Boat Vent II® is a registered trademark of William Gridley.



No. 277540

VENT – BOAT VENT II® CIRCLE CUTTER

Convenient circle cutter allows a hole to be cut in a matter of seconds, for quick and easy installation of Boat Vent II device into fabric.

ITEM #	DESCRIPTION	STANDARD PACKAGE
277540	Boat Vent II Circle Cutter	1
277542	Boat Vent II Circle Cutter Replacement Blade	1

Boat Vent II® is a registered trademark of William Gridley.



No. 277525

VENT-SO-PORT

High impact, black molded ABS plastic cap with UV stabilizers, slips onto an aluminum mooring pole. The large dome allows air to circulate freely, reducing condensation and mildew. Cap replaces the mooring pole grommet and attaches to the boat cover with four stainless steel screws included. Ideal for use on non-breathable cover fabrics such as Aqualon®. Can be used with our No. P42 Mooring Pole and No. 730 Mooring Pole by reversing the top section into the bottom section.

ITEM #	COLOR	MATERIAL	STANDARD PACKAGE
277525	Black	ABS Molded Plastic	1

Aqualon® is a registered trademark of Glen Raven, Inc.



VENT-SOL-AIR™

Vent-Sol-Air uses a solar-powered fan to circulate air under tented boat covers, which fights mold and mildew, and maintains the appearance of a boat's interior.



No. 277550

Vent-Sol-Air mounts to the pole of tented boat covers and installs in minutes. Its sealed, water-resistant design is constructed of tough-plastic for marine-grade durability. Vent-Sol-Air taps the natural power of the sun without using batteries or power cords.

ITEM #	STANDARD PACKAGE
277550	1



No. 277501

VENTILATOR – AIRLETTE®

Installs in seconds without the aid of hardware or adhesives, by “snapping” into place with an assured water-tight seal. The Airlette Ventilator automatically self-adjusts to fit any material up to 1/8 inch thick. Its hood rotates 360° and can be detached for easy storage.

ITEM #	STYLE #	COLOR	STANDARD PACKAGE
277501	BSA-2	White	1

Airlette® is a registered trademark of Airlette Manufacturing Corporation.



No. 277610

VENTILATOR – VENT-AIRE®

Vent-Aire Vents prevent dry-rot, condensation, mildew and rust. Made of tough, pliable plastic, which snaps back without damage after being bent, folded or flattened. Special hood design ensures that vent will remain open regardless of how cover material is folded.



No. 277630



No. 277660

ITEM #	STYLE #	COLOR	SIZE	STANDARD PACKAGE
277610	61	Natural	Large	1
277630	62	Natural	Medium	1
277660	63	Natural	Small	1
277662	63	Black	Small	1

Vent-Aire® is a registered trademark of Kaybob Products Co.

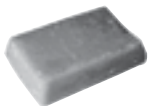


No. 274811

HANGTYTE BOAT COVER SYSTEM

An alternative to pole systems, HANGTYTE is a boat cover suspension device that works with all covers. Simple setup. Easy operation.

ITEM #	STYLE #
274811	60901-0000



No. 279201

BEESWAX

Supplied in approximately one pound cakes.

ITEM #	WEIGHT
279201	1 lbs.

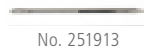


No. 213110

CLAMP – STEEL CLOTH

Oil tempered spring. Style No. 3202HT has a full length of 6 inches and opens 2 inches.

ITEM #	STYLE #	LENGTH	OPENS TO	STANDARD PACKAGE
213110	3202HT	6 in.	2 in.	1



No. 251913

NEEDLE – SAIL

ITEM #	STYLE #	FINISH	LENGTH	MATERIAL	STANDARD PACKAGE	TYPE
251706	501	Nickel Plated	6 in.	Steel	12	Curved
251913	13	Nickel Plated	3 in.	Steel	25	Standard
251916	16	Nickel Plated	2-3/8 in.	Steel	25	Standard



No. 254501

SAILMAKER’S PALM

Riveted sailmaker’s palm with rawhide covered thimble.

ITEM #	STYLE #	STANDARD PACKAGE
254501	1	1



No. 254710

PENCIL – FABRIC MARKING

For clear, easy marking of fabrics in the cutting room. Trivantage® offers special pencils with either black, white or yellow lead. Yellow pencils can be wiped off vinyls but are difficult to remove from woven textiles. Black pencils can be used on white fabrics of any type and can be erased or wiped off easily. White pencils are also known as a “spit pencils.”

ITEM #	DESCRIPTION	FOR	STANDARD PACKAGE
254709	White Lead 1256 "Spit Pencil"	Vinyl, acrylic and woven fabrics	1/2 gross box (72 pencils)
254710	Yellow Lead	Vinyl and acrylic fabrics	1/2 gross box (72 pencils)
254711	Black Lead	White fabrics (any type)	1/2 gross box (72 pencils)

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 255208

PINS – T

Used to secure fabric and make pattern before sewing. A very helpful aid when doing complex custom work, such as a boat top.

ITEM #	STYLE #	DESCRIPTION	LENGTH	MATERIAL	PUT UP	STANDARD PACKAGE
255208	32	T-Pins	2 in.	Steel	1/2 lb. box	1 gross



No. 255215

PINS – UPHOLSTERY

ITEM #	STYLE #	DESCRIPTION	LENGTH	MATERIAL	STANDARD PACKAGE
255215	190	Upholstery Pins	3 in.	Steel	1 gross



No. 214296

SPRING CLIP – STAINLESS STEEL

Used to carry hand tools.

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
214296	301	0.020 in. x 7/8 in. x 3-3/8 in.	1000



No. 205066

TWIST AND SEAL

Twist and Seal is a device made of weather and UV resistant plastic and is used to protect outdoor electrical cord connections from rain and snow. Twist and Seal can be used on construction sites, and also for Christmas lights, and other decorations where outdoor cords need to be connected and protected from rain and snow.

Never submerge the Twist and Seal or any other electrical connection under water.

ITEM #	COLOR	SIZE
205066	Green	8 in. x 3-1/2 in. x 3-1/2 in.
205067	Orange	8 in. x 3-1/2 in. x 3-1/2 in.
205068	Blue	8 in. x 3-1/2 in. x 3-1/2 in.
205069	White	8 in. x 3-1/2 in. x 3-1/2 in.



No. 200795

ANCHOR – POOL COVER

The No. 50 deluxe brass anchor remains flush with the pool deck when not in use, and is highly corrosion resistant. It allows the cover to be easily and securely installed by unscrewing the bolt to receive “S” hooks on a rubber tie, a rubber tie hole, or the rounded ring end of the stainless steel spring. There are no threads to strip at the top of the bolt.

For use with Spring – Pool Cover (Item no. 200797).

ITEM #	STYLE #	DESCRIPTION	MATERIAL
200795	50	Pool Anchor	Brass



No. 200797

SPRING – POOL COVER

ITEM #	LENGTH	MATERIAL
200797	7.5 in.	Stainless Steel Type 304
273795	8 in.	Stainless Steel



No. 274511

TIES – CABLE

Specially treated for outdoor exposure, these PVC cable ties are designed to allow uniform tightening. Plus, they require less time than traditional lacing cord. These ties are an ideal solution for a professional appearance at a low cost.

ITEM #	STYLE #	COLOR	LENGTH	STANDARD PACKAGE
274511	T50ROM4	Black	8 in.	1000



No. 274515

TIES – AWNING

These aluminum ties are flexible and very easy to use. Will not rust or stain. Can be reused.

ITEM #	STYLE #	LENGTH	STANDARD PACKAGE
274515	5	5 in.	200



No. 239801

HOOK – S

Zinc-plated steel wire.



No. 239924

ITEM #	STYLE #	SIZE OPENING	STANDARD PACKAGE
239801	1	3/8 in.	100
239803	3	5/8 in.	100
239924	24	1-1/8 in.	50



No. 239100

HOOK – ROPE

Aluminum. Used to secure tarpaulins.

ITEM #	SIZE	STANDARD PACKAGE
239100	2-5/8 in.	100



No. 239401

HOOK – TARP BINDING

Cold drawn steel with zinc-plated finish, designed primarily to hold tarp ropes securely on truck bodies. Can be used in any industry where ropes are used, and where rope must be held tight.

ITEM #	STYLE #	DESCRIPTION	DIAMETER HOLE	HOOK OPENING	LENGTH	STANDARD PACKAGE	WIRE DIAMETER
239401	12011	Hook No. 5	1/4 in.	1 in.	3-3/4 in.	100	0.365 in.
239402	12010	Hook No. 3	3/16 in.	5/8 in.	2 in.	100	0.250 in.
239452	12009	Hook No. 52C	3/16 in.	7/16 in.	1-1/2 in.	100	0.192 in.



No. 226002

SCREW EYE

Zinc-plated finish – with sharp gimlet points for quick starting.



No. 226008



No. 226010

ITEM #	STYLE #	INSIDE DIAMETER EYE	LENGTH SHANK	LENGTH	STANDARD PACKAGE	WIRE DIAMETER
226002	2	23/32 in.	1-15/32 in.	2-5/8 in.	50	0.263 in.
226008	8	15/32 in.	13/16 in.	1-5/8 in.	100	0.162 in.
226010	10	13/32 in.	11/16 in.	1-3/8 in.	100	0.135 in.



No. 226085

SCREW EYE – LONG SHANK

Zinc-plated. For fastening through wood shingles.

ITEM #	STYLE #	INSIDE DIAMETER EYE	LENGTH SHANK	LENGTH
226085	8-1/2	1/2 in.	1-3/8 in.	2-5/16 in.



No. 226108

SCREW EYE – OPEN EYE

Zinc-plated finish with sharp gimlet points for starting.

ITEM #	STYLE #	STANDARD PACKAGE
226108	8	100



No. 260920



No. 261012

O RING

ITEM #	DIAMETER OF STOCK	FINISH	GAUGE	INSIDE DIAMETER OF RING	MATERIAL	STANDARD PACKAGE
260902	0.177 in.	Chrome Plated	9	1 in.	Zinc Die-Cast	500
260903	3/32 in.		13	3/8 in.	Zinc Die-Cast	1000
260905	3/32 in.	Nickel Plated	12	5/8 in.	Steel	500
260906	1/8 in.		11	3/4 in.	Zinc Die-Cast	1000
260920		Nickel Plated			Steel (Welded)	100
261004	1-1/2 in.	Cadmium	3	1-1/2 in.	Steel	750
261005	1-3/64 in.	Cadmium	6	1-1/4 in.	Steel	100
261007	11/32 in.	Cadmium	0	1-3/4 in.	Steel	100
261008	11/32 in.	Cadmium	0	2 in.	Steel	100
261009	3/8 in.	Cadmium	000	2-1/4 in.	Steel	100
261010	3/8 in.	Cadmium	000	2-1/2 in.	Steel	100
261011	3/8 in.	Cadmium	000	2-3/4 in.	Steel	100
261012	3/8 in.	Cadmium	000	3 in.	Steel	50
261102	0.177 in.			1 in.	316 Stainless Steel	100



No. 249195

SPRING – SNAP LINK

Zinc-plated steel.

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
249195	245M-50M	1.97 in. x 5 mm wire	
266677	245M-50M	1.97 in. x 5 mm wire	100



No. 269115

GOLDLINE® EPDM TIE-DOWN AND TARP STRAP

Straps reinforced at hook ends. Hooks are 2-1/2 inch and where included come in a quantity of 2.

To determine strap size, let maximum stretch length, below, be your guide. For example, if distance between tarp grommet and trailer tie-down bar is 24 inch, order a 15 inch strap which provides a maximum 25 inch stretch length. If distance is 27 inch, order a 21 inch strap with maximum 34 inch stretch length.

Where hooks are inserted, or included loose, we supply two hooks per strap, or 100 pieces.

ITEM #	STYLE #	DESCRIPTION	LENGTH OVERALL WITH HOOK	MAXIMUM STRETCH WITH HOOK	STANDARD PACKAGE	TARP STRAP LENGTH
269109	635197920	Strap without Hooks	13 in.	18 in.	50	10 in.
269115	635197820	Strap without Hooks	18 in.	25 in.	50	15 in.
269120	635196920	Strap without Hooks	24 in.	34 in.	50	21 in.
269210	635197930	Strap with Hooks Loose in Box	13 in.	18 in.	50	10 in.
269215	635197830	Strap with Hooks Loose in Box	18 in.	25 in.	50	15 in.
269221	635196930	Strap with Hooks Loose in Box	24 in.	34 in.	50	21 in.
269231	635197730	Strap with Hooks Loose in Box	34 in.	49 in.	50	31 in.
269310	635197940	Strap with Hooks Inserted	13 in.	18 in.	50	10 in.
269315	635197840	Strap with Hooks Inserted	18 in.	25 in.	50	15 in.
269321	635196940	Strap with Hooks Inserted	24 in.	34 in.	50	21 in.
269331	635197740	Strap with Hooks Inserted	34 in.	49 in.	50	31 in.
269341	635738940	Strap with Hooks Inserted	44 in.	66 in.	50	41 in.

UNIVERSAL POLYMER Warning for EPDM TARP AND TIE-DOWN STRAPS: Observe maximum stretch warnings. Straps should not be stretched more than 50% of their normal length. Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect straps before each use. Discard if abraded, cut or cracked. Straps should not be substituted as primary tie-down device for load.

Goldline® is a registered trademark of Universal Polymer & Rubber LTD.



No. 269200

HOOK – TARP STRAP “S”

ITEM #	LENGTH	MATERIAL	STANDARD PACKAGE
269200	2-1/2 in.	Stainless Steel	100
269202	2-1/2 in.	Galvanized Steel	100
269204	4-1/2 in.	Galvanized Steel	100



No. 261992

TIE-DOWN – EPDM ROPE STANDARD BLACK

Use anywhere constant tension is needed. Just cut the cord to the length required, apply the galvanized double eye hooks at both ends, and it’s ready for use. Will not crack, chip or peel. Use in any weather.

ITEM #	STYLE #	DESCRIPTION	PUT UP	ROPE SIZE	WEIGHT
261990	933037501	Display Carton	200 ft. coil with 150 double eye hooks	3/8 in.	22 lbs.
261991	933037502	Refill	200 ft. coil	3/8 in.	13 lbs.
261992	933043702	Display Carton	800 ft. coil	3/8 in.	50 lbs.

UNIVERSAL POLYMER Warning for EPDM ROPE TIE-DOWNS: Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect before use. Discard if abraded, cut or cracked. Coil only in Display Carton.



No. 261993

TIE-DOWN – EPDM ROPE HEAVY DUTY BLACK

Use anywhere constant tension is needed. Just cut the cord to the length required, apply the galvanized double eye hooks at both ends, and it's ready for use. Will not crack, chip or peel. Use in any weather.



No. 261996

ITEM #	STYLE #	DESCRIPTION	PUT UP	ROPE SIZE	STANDARD PACKAGE	WEIGHT
261993	933043702	Display Carton	150 ft. coil with 150 double eye hooks	7/16 in.		22 lbs.
261994	933043701	Refill	150 ft. coil	7/16 in.		13 lbs.
261995	933043703	Display Carton	600 ft. coil	7/16 in.		48 lbs.
261996		Galvanized Double Eye Hooks			1000	

UNIVERSAL POLYMER Warning for EPDM ROPE TIE-DOWNS: Sudden disconnect in a stretched position may cause serious eye injury. Wear safety glasses during tie down and disconnect. Inspect before use. Discard if abraded, cut or cracked. Coil only in Display Carton.



No. 266625

SNAP – BOLT

Malleable iron, loop eye. Cadmium plated.

ITEM #	STYLE #	LENGTH	STANDARD PACKAGE	WEBBING SIZE
266625	25	3-1/4 in.	10	1 in.
266679	25	3-1/4 in.	10	1 in.



No. 266675

SNAP – CURTAIN TRIGGER

Made of malleable iron. Used to fasten down roller curtains. Cadmium plated.

ITEM #	STYLE #	LENGTH	STANDARD PACKAGE	WEBBING SIZE
266675	204	1-3/4 in.	10	3/4 in.



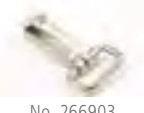
No. 266672

SNAP – SPRING

ITEM #	STYLE #	FINISH	MATERIAL	LENGTH	STANDARD PACKAGE	WEBBING SIZE
266672	200	Cadmium Plated	Malleable Iron	3-9/16 in.	10	1-1/2 in.
266673	200	Cadmium Plated	Malleable Iron	3-1/16 in.	10	1 in.
266674	200	Cadmium Plated	Malleable Iron	3-3/4 in.	10	2 in.
266681	142-A	Nickel Plated	Steel		100	1-1/2 in.
266767	249	Brass	Brass	2-1/2 in.	100	3/4 in.
266876	349		Stainless Steel		100	1 in.
266895	5016	Nickel Plated	Steel	2-5/8 in.	100	1 in.
266903	5350	Nickel Plated	Steel	1-3/4 in.	200	3/4 in.
266904	5350	Nickel Plated	Steel	1-3/4 in.	20	1 in.



No. 266895



No. 266903

SNAP – TENT WALL

ITEM #	STYLE #	FINISH	MATERIAL	STANDARD PACKAGE	WEBBING SIZE
266893	340	Nickel Plated	Zinc Die-Cast	500	1 in.



No. 266762

SNAP – WIRE

Zinc and nickel plated steel. Also available in Stainless Steel.

ITEM #	STYLE #	FINISH	MATERIAL	LENGTH	STANDARD PACKAGE	WEBBING SIZE
266739	142-A	Nickel Plated	Steel	2-1/8 in.	100	1-1/2 in.
266741	142-A	Zinc Plated	Steel	2-1/8 in.	100	1 in.
266762	14201	Nickel Plated	Steel	2-1/8 in.	100	1 in.



KEDER RAIL

Aluminum.

ITEM #	STYLE #	BEAD SIZE	LENGTH
578164	48.6025.31.05	17 mm	16.4 ft.
578165	48.6025.31.025	17 mm	8.2 ft.
578166	48.5524.31.05	18 mm	16.4 ft.
578167	48.5524.31.025	18 mm	8.2 ft.

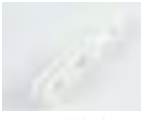


No. 101603

RING AND TRIANGLE WEB ASSEMBLY

Triangles with link are mounted on 2-1/4 inch O.D. by 3/8 in. diameter welded steel ring. Heavy-duty welded wire triangles with link. Plated for maximum weather protection. Will accommodate webbing up to 2 inch in width.

ITEM #	STYLE #	DESCRIPTION	FOR	STANDARD PACKAGE
101603	3	3 Triangles on Welded Ring	End center poles on small tents	15



No. 578160

CROCODILE HANGER®

Crocodile Hangers combine the strong sliding and movement features of Ball Hooks with the durability of Bar Sliders. The composition and design allows excellent durability for use in a range of environments.



No. 578161

ITEM #	STYLE #	DESCRIPTION	SIZE	STANDARD PACKAGE
578160	35.0927.41	Ball Hook		
578161	35.2727.41	Calott Slider	9 mm	
578162	35.8027.41.21	Kedar Track Roller with Screw Caps	9 mm	100
578163	25.8309.18	Stainless Steel Screws		100



No. 578162



No. 578163

Crocodile Hanger® is a registered trademark of American Keder, Inc.



No. 266514

TENT SLIDE

Stamped galvanized steel.

ITEM #	STYLE #	LENGTH	ROPE SIZE	STANDARD PACKAGE
266514	4	4 in.	5/16 in.	500



No. 267306

TRAILER AWNING SPRING

Designed to equalize tension on guy lines of trailer awnings and eliminate adjustment. Equipped with loops at each end for rope fastening. Made of high-grade wire to provide flexibility. Zinc-plated.

ITEM #	LENGTH	STANDARD PACKAGE
267306	4-5/8 in.	1



No. 130609

EAVE WEB GUY FITTING

A plated, stamped steel fitting to accommodate supporting web, pole and guy line. Fitting has a round hole for guy line, 7/8 inch hole for side pole, and oblong hole for webbing. Fitting is also designed for attachment of eave rope. Will accommodate webbing up to 2 inch in width.

ITEM #	STYLE #	STANDARD PACKAGE
130609	162	25



No. 267612

TENT STAKE – STEEL

Formed of heavy-gauge, pre-coated galvanized steel. Specially designed top provides maximum strength with minimum weight.

ITEM #	LENGTH	STANDARD PACKAGE
267609	9 in.	100
267612	12 in.	100
267615	15 in.	100



No. 267710

TENT STAKE – KINKED WIRE

A sturdy all-steel tent stake with slash-cut end, and kinked body made of 1/4 in. diameter steel. Bright zinc plating adds lasting protection. Can also be used for ground fastening of sunshades, wind baffles and privacy screens.

ITEM #	LENGTH	STANDARD PACKAGE
267709	9 in.	100
267710	9 in.	1000



No. 267500

TENT STAKE – POLYPROPYLENE

Made to withstand heavy usage. Superior strength in temperature extremes.

ITEM #	COLOR	LENGTH	STANDARD PACKAGE
267500	Yellow	9 in.	300

YKK® AQUAGUARD®

AquaGuard zippers have a shiny polyurethane coating with an embossed finish that sheds water, as well as enhancing the appearance. These zippers can be RF welded, ultrasonically bonded or sewn.

ITEM #	STYLE #	COLOR	LENGTH	STANDARD PACKAGE
280869	UR CT40L-101 DFBL 67752	Black	240 in.	1

YKK® and AquaGuard® are registered trademarks of YKK Corporation.



No. 280331

YKK® VISLON® 10VF NO. 10 VISLON SLIDERS – METAL

ITEM #	STYLE #	DESCRIPTION	COLOR	COLOR NUMBER	STANDARD PACKAGE
280330	10VDFW	Non-Locking Short Single Pull Tab	White	501	100
280331	10VDFW	Non-Locking Short Single Pull Tab	Black	580	100
280332	10VDFWW	Non-Locking Short Double Pull Tab	White	501	100
280334	10VFDA	AutoLok Single Pull	White	501	1000
280336	10CFDX	AutoLok Double Pull	White	501	100
280362	10VFDA	AutoLok Single Pull	Black	580	100
280363	10VFDX	AutoLok Double Pull	Black	580	600
280369	10VDFWW	Non-Locking Short Double Pull Tab	Black	580	100
280595	10VFDA	AutoLok Single Pull	Light Beige		1000
280872	10VFDWL	Non-Locking Long Double Pull Tab	White	501	100
280873	10VFDWL	Non-Locking Long Double Pull Tab	Black	580	100
280950	10VDFL	Non-Locking Single Pull	Black	580	100

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 280361

YKK® VISLON® 10VF NO. 10 VISLON SLIDERS – PLASTIC

ITEM #	STYLE #	DESCRIPTION	COLOR	COLOR NUMBER	STANDARD PACKAGE
280360	10VFTA	AutoLok Single Pull	White	501	100
280361	10VFTA	AutoLok Single Pull	Black	580	100
280364	10VFTX	AutoLok Double Pull	White	501	100
280365	10VFTX	AutoLok Double Pull	Black	580	100
280366	10VFTW	Non-Locking Short Double Pull Tab	White	501	100

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 280311

YKK® VISLON® 10VFUV NO. 10 VISLON CHAIN (VF)

ITEM #	STYLE #	COLOR	COLOR NUMBER	STANDARD PACKAGE	WIDTH
280307	10VF	White	501	55 yds.	11/16 in.
280309	10VF	Black	580	55 yds.	11/16 in.
280311	10VF	Black	580	109 yds.	11/16 in.
299398	10VF	White	501	109 yds.	11/16 in.

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 295641

YKK® VISLON® 5VS NO. 5 VISLON SLIDERS – METAL

ITEM #	STYLE #	DESCRIPTION	COLOR	COLOR NUMBER	STANDARD PACKAGE
295640	5VSDFL	Non-Locking Long Single Pull Tab	White	501	100
295641	5VSDFL	Non-Locking Long Single Pull Tab	Black	580	100
295642	5VSDFL	Non-Locking Long Single Pull Tab	Beige	573	100
295645	5VSDFW	Non-Locking Short Single Pull Tab	White	501	100
295646	5VSDFW	Non-Locking Short Single Pull Tab	Black	580	100
295649	5VSDWL	Non-Locking Long Double Pull Tab	White	501	100
295650	5VSDWL	Non-Locking Long Double Pull Tab	Black	580	100
295653	5VSDA	AutoLok Standard Single Pull Tab	White	501	100
295654	5VSDA	AutoLok Standard Single Pull Tab	Black	580	100
295657	5VSDXL	AutoLok Standard Double Pull Tab	White	501	100
295658	5VSDXL	AutoLok Standard Double Pull Tab	Black	580	100

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 295670

YKK® VISLON® 5VS NO. 5 VISLON SLIDERS – PLASTIC

ITEM #	STYLE #	DESCRIPTION	COLOR	COLOR NUMBER	STANDARD PACKAGE
295661	5VSTF	Non-Locking Short Single Pull Tab	White	501	100
295662	5VSTF	Non-Locking Short Single Pull Tab	Black	580	100
295665	5VSTW	Non-Locking Short Double Pull Tab	White	501	100
295669	5VSTA	AutoLok Standard Single Pull Tab	White	501	100
295670	5VSTA	AutoLok Standard Single Pull Tab	Black	580	100
295674	5VSTX	AutoLok Standard Double Pull Tab	Black	580	100

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 295627

YKK® VISLON® 5VS NO. 5 VISLON CHAIN

ITEM #	STYLE #	COLOR	COLOR NUMBER	STANDARD PACKAGE	WIDTH
295625	5VS	White	501	109 yds.	9/16 in.
295626	5VS	White	501	218 yds.	9/16 in.
295627	5VS	Black	580	109 yds.	9/16 in.
295628	5VS	Black	580	218 yds.	9/16 in.
295630	5VS	Beige	573	218 yds.	9/16 in.

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 280922

YKK® VISLON® 8VF NO. 8 VISLON SLIDERS – METAL

ITEM #	STYLE #	DESCRIPTION	COLOR	COLOR NUMBER	STANDARD PACKAGE
280920	8VFDA	AutoLok Single Pull	White	501	100
280922	8VFDA	AutoLok Single Pull	Black	580	100
280926	8VFDXL	AutoLok Long Double Pull Tab	White	501	1000
280938	8VFDXL	AutoLok Long Double Pull Tab	Black	580	1000

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 280910

YKK® VISLON® 8VFUV NO. 8 VISLON CHAIN

ITEM #	STYLE #	COLOR	COLOR NUMBER	STANDARD PACKAGE	WIDTH
280900	8VFUV	White	501	137 yds.	5/8 in.
280910	8VFUV	Black	580	137 yds.	5/8 in.

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 279836

YKK® ZIPLON® SLIDERS – METAL

ITEM #	STYLE #	DESCRIPTION	COLOR	COLOR NUMBER	FINISH	STANDARD PACKAGE
279835	5CNDA5	AutoLok Single Pull Tab	White	501		100
279836	5CNDA5	AutoLok Single Pull Tab	Black	580		100
279839	10CFDFBL	AutoLok Single Pull Tab (Reversed)			Nickel Plated	100
279840	5CNDFL	Non-Locking Long Single Pull Tab	White	501		100
279841	5CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
279842	5CNDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
279845	5CNDW3L	Non-Locking Long Double Pull Tab	White	501		100
279846	5CNDW3L	Non-Locking Long Double Pull Tab	Black	580		100
280317	4.5CNDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
280319	4.5CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
280338	10CFDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100
280339	10CFDWL	Non-Locking Long Double Pull Tab	White	501		100
280341	8CFDWL	Non-Locking Long Double Pull Tab	Black	580		100
280348	10CFDFL	Non-Locking Long Single Pull Tab	Black	580		100
280349	10CFDFL	Non-Locking Long Single Pull Tab	White	501		100
280368	10CFDWL	Non-Locking Long Double Pull Tab	Black	580		100
280510	8CFFDFL	Non-Locking Long Single Pull Tab	White	501		100
280511	10CFDA3	AutoLok Single Pull	White	501		100
280512	10CFDA3	AutoLok Single Pull	Black	580		100
280514	8CNDFL	Non-Locking Long Single Pull Tab	Black	580		100
280515	8CNDFL	Non-Locking Long Single Pull Tab			Nickel Plated	100

YKK® and Ziplon® are registered trademarks of YKK Corporation.



No. 279831

YKK® ZIPLON® ZIPLON CHAIN (CF)

ITEM #	STYLE #	COLOR	COLOR NUMBER	STANDARD PACKAGE	WIDTH
279830	5CF	White	501	218 yds.	5/8 in.
279831	5CF	Black	580	218 yds.	5/8 in.
280290	4.5CF	White	501	218 yds.	5/8 in.
280291	4.5CF	Black	580	218 yds.	5/8 in.
280315	10CF	White	501	109 yds.	3/4 in.
280316	10CF	Black	580	109 yds.	3/4 in.
280502	9CF	Black	580	109 yds.	3/4 in.
280504	8CF	White	501	165 yds.	3/4 in.
280505	8CF	Black	580	165 yds.	3/4 in.
280509	8CF	Beige	573	165 yds.	3/4 in.
280591	8CF	Black	580	165 yds.	5/8 in.

YKK® and Ziplon® are registered trademarks of YKK Corporation.



No. 586090

YKK® PULL CORD

ITEM #	STYLE #	COLOR	CORD SIZE	LENGTH
586090	LCWE	Black	1/10 in.	4.5 in.

YKK® is a registered trademark of YKK Corporation.



No. 280492

YKK® VISLON® BOTTOM STOPS

ITEM #	STYLE #	COLOR	COLOR NUMBER	STANDARD PACKAGE
280492	10 VF	Black	580	100
280550	10 VF	White	501	100
295680	5 VS	White	501	100
295681	5 VS	Black	580	100

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 280493

YKK® VISLON® TOP STOPS

ITEM #	STYLE #	COLOR	COLOR NUMBER	STANDARD PACKAGE
280493	10 VF	Black	580	100
280547	10 VF	White	501	100
295682	5 VS	White	501	100
295683	5 VS	Black	580	100

YKK® and Vislon® are registered trademarks of YKK Corporation.



No. 280490

YKK® SNAPCAP™

This revolutionary zipper top-stop is ready for assembling. Available in black and white.

ITEM #	COLOR	COLOR NUMBER	STANDARD PACKAGE
280490	Black	580	2000
280491	White	501	2000

SnapCap™ is a trademark and YKK® is a registered trademark of YKK Corporation.



No. 280974

TOP STOP NO. 10

No. 10 Zipper Top Stop is placed over a tooth on each side of the zipper and bent in place with pliers. It eliminates the need to cut the zipper and chain with a hot knife or sew it down to form a stop. Providing added flexibility, the Stainless Steel Zipper Top Stop can be moved if needed.

ITEM #	STYLE #	MATERIAL	STANDARD PACKAGE
280974	89001	Stainless Steel	1000



No. 255251

ZIPPER TOOLS – ZIPPER STOP

Convenient tool designed specifically to apply Zipper Stop to zipper chain, helping eliminate slippage and rotation of the stop. Features a special groove that firmly holds zipper stop in place.

ITEM #	STYLE #
255251	1012



No. 255252

ZIPPER TOOLS – ZIPPER JIG

Save time during zipper installations with the Zipper Jig. This handy tool holds YKK® zipper sliders from #2.5 to #10, allowing you to easily install sliders. The lower clamp securely holds the Zipper Jig to a counter, while the upper clamp is used to lock the jig rod in any direction. It even allows you to put a zipper on backwards. The Zipper Jig is 5-1/2 inch x 4-3/4 inch, making it ideal for workstations.



To use simply place the slider upside-down and facing forward into the slot on the rod. Open the zipper one or two inches and hold face down. Feed both sides evenly into the slider held by the rod, coming in at a 45 degree angle. Pull forward and it's done!

ITEM #	STYLE #
255252	1014

YKK® is a registered trademark of YKK Corporation.



No. 279868

**YKK® VISLON® UV VFUV NO. 10
SEPARATING ZIPPER AUTOMATIC LOCK –
DOUBLE PULL METAL SLIDER**

Engineered especially for marine applications. All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
279868	VFUV	Black	41578	144 in.	10

YKK® and Vislon® are registered trademarks of YKK Corporation. Dupont™ is a trademark of E.I. Dupont de Nemours and Company, Inc. Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.

**YKK® VISLON® UV VFUV NO. 10
SEPARATING ZIPPER AUTOMATIC LOCK –
DOUBLE PULL NYLON SLIDER**

Engineered especially for marine applications. All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
279866	VFUV	Black	32241	78 in.	10

YKK® and Vislon® are registered trademarks of YKK Corporation. Dupont™ is a trademark of E.I. Dupont de Nemours and Company, Inc. Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.



No. 279893

**YKK® VISLON® UV VFUV NO. 10
SEPARATING ZIPPER AUTOMATIC LOCK –
SINGLE PULL METAL SLIDER**

Engineered especially for marine applications. All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
279872	VFUV	Black	32483	108 in.	10

YKK® and Vislon® are registered trademarks of YKK Corporation. Dupont™ is a trademark of E.I. Dupont de Nemours and Company, Inc. Delrin® is a registered trademark of E.I. Dupont de Nemours and Company, Inc.

**YKK® VISLON® UV VFUV NO. 8
SEPARATING ZIPPER NON-LOCKING –
DOUBLE PULL METAL SLIDER**

Engineered especially for marine applications. All element and slider materials are scientifically designed to resist damage from sunlight as well as corrosion. Teeth injection-molded from DuPont™ Delrin®.

UV-resistant acetal resin attached to a strong cord and tape, which ensure the sliders stay on track. The Delrin polymer reduces the effect of ultraviolet radiation, significantly increasing its useful life.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
279875	VFUV	White	32438	18 in.	10
279876	VFUV	White	32438	24 in.	10
279878	VFUV	White	32438	36 in.	10
279879	VFUV	White	32438	42 in.	10
279880	VFUV	White	32438	48 in.	10
279881	VFUV	White	32438	54 in.	10
279882	VFUV	White	32438	60 in.	10
279884	VFUV	White	32438	72 in.	10
279890	VFUV	Black	32238	18 in.	10
279891	VFUV	Black	32238	24 in.	10
279893	VFUV	Black	32238	36 in.	10
279895	VFUV	Black	32238	42 in.	10
279896	VFUV	Black	32238	48 in.	10
279897	VFUV	Black	32238	54 in.	10
279898	VFUV	Black	32238	60 in.	10
279900	VFUV	Black	32238	72 in.	10

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No. 296215

YKK® VISLON® VFOL105W NO. 10 SEPARATING ZIPPER NON-LOCKING – DOUBLE PULL METAL SLIDER

YKK No. 10 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
296215	VFOL105W	Black	580	60 in.	10
296234	VFOL105W	Onion	801	72 in.	10

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No. 280596

YKK® VISLON® VFUL106 TA NO. 10 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SHORT SINGLE PULL PLASTIC SLIDER

YKK No. 10 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
280520	VFUL106 TA	White	501	24 in.	10
280522	VFUL106 TA	White	501	36 in.	10
280528	VFUL106 TA	White	501	48 in.	10
280532	VFUL106 TA	White	501	60 in.	10
280536	VFUL106 TA	White	501	72 in.	10
280538	VFUL106 TA	White	501	84 in.	10
280540	VFUL106 TA	White	501	96 in.	10
280548	VFUL106 TA	White	501	120 in.	10
280596	VFUL106 TA	Black	580	24 in.	10
280598	VFUL106 TA	Black	580	26 in.	10
280604	VFUL106 TA	Black	580	48 in.	10
280606	VFUL106 TA	Black	580	60 in.	10
280608	VFUL106 TA	Black	580	72 in.	10
280612	VFUL106 TA	Black	580	96 in.	10
280617	VFUL106 TA	Black	580	108 in.	10
280619	VFUL106 TA	Black	580	120 in.	10

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No. 280243

YKK® VISLON® VFULVOL-107 DX E NO. 10 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SHORT DOUBLE PULL METAL SLIDER

YKK No. 10 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
280243	VFULVOL-107 DX E	Natural	572	96 in.	10

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No. 296180

ZIPPER – YKK® VISLON® VFUVOL-106 DA E NO. 10 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SHORT SINGLE PULL METAL SLIDER

YKK No. 10 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
296156	VFUVOL-106 DA E	White	501	18 in.	10
296160	VFUVOL-106 DA E	White	501	24 in.	10
296162	VFUVOL-106 DA E	White	501	36 in.	10
296165	VFUVOL-106 DA E	White	501	48 in.	10
296167	VFUVOL-106 DA E	White	501	60 in.	10
296170	VFUVOL-106 DA E	White	501	72 in.	10
296172	VFUVOL-106 DA E	White	501	84 in.	10
296174	VFUVOL-106 DA E	White	501	96 in.	10
296178	VFUVOL-106 DA E	White	501	120 in.	10
296179	VFUVOL-106 DA E	White	501	144 in.	10
296180	VFUVOL-106 DA E	Black	580	24 in.	10
296182	VFUVOL-106 DA E	Black	580	36 in.	10
296183	VFUVOL-106 DA E	Black	580	12 in.	10
296184	VFUVOL-106 DA E	Black	580	42 in.	10
296185	VFUVOL-106 DA E	Black	580	48 in.	10
296186	VFUVOL-106 DA E	Black	580	54 in.	10
296187	VFUVOL-106 DA E	Black	580	60 in.	10
296190	VFUVOL-106 DA E	Black	580	72 in.	10
296192	VFUVOL-106 DA E	Black	580	84 in.	10
296194	VFUVOL-106 DA E	Black	580	96 in.	10
296196	VFUVOL-106 DA E	Black	580	110 in.	10
296198	VFUVOL-106 DA E	Black	580	120 in.	10
296199	VFUVOL-106 DA E	Black	580	144 in.	10

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No. 296119

YKK® VISLON® VFUVOL-107 DX E NO. 10 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SHORT DOUBLE PULL METAL SLIDER

YKK No. 10 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE	ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
296061	VFUVOL-107 DX E	White	501	18 in.	10	296142	VFUVOL-107 DX E	Black	580	68 in.	10
296063	VFUVOL-107 DX E	White	501	24 in.	10	296143	VFUVOL-107 DX E	Black	580	96 in.	10
296065	VFUVOL-107 DX E	White	501	30 in.	10	296144	VFUVOL-107 DX E	Black	580	76 in.	10
296068	VFUVOL-107 DX E	White	501	36 in.	10	296145	VFUVOL-107 DX E	Black	580	100 in.	10
296069	VFUVOL-107 DX E	White	501	40 in.	10	296146	VFUVOL-107 DX E	Black	580	80 in.	10
296070	VFUVOL-107 DX E	White	501	42 in.	10	296147	VFUVOL-107 DX E	Black	580	108 in.	10
296072	VFUVOL-107 DX E	White	501	48 in.	10	296148	VFUVOL-107 DX E	Black	580	90 in.	10
296074	VFUVOL-107 DX E	White	501	54 in.	10	296149	VFUVOL-107 DX E	Black	580	110 in.	10
296076	VFUVOL-107 DX E	White	501	60 in.	10	296151	VFUVOL-107 DX E	Black	580	120 in.	10
296080	VFUVOL-107 DX E	White	501	66 in.	10	296154	VFUVOL-107 DX E	Black	580	240 in.	10
296082	VFUVOL-107 DX E	White	501	72 in.	10	296233	VFUVOL-107 DX E	Light Beige	573	18 in.	10
296084	VFUVOL-107 DX E	White	501	78 in.	10	296236	VFUVOL-107 DX E	Light Beige	573	24 in.	10
296086	VFUVOL-107 DX E	White	501	84 in.	10	296237	VFUVOL-107 DX E	Light Beige	573	30 in.	10
296087	VFUVOL-107 DX E	White	501	90 in.	10	296239	VFUVOL-107 DX E	Light Beige	573	36 in.	10
296088	VFUVOL-107 DX E	White	501	96 in.	10	296242	VFUVOL-107 DX E	Light Beige	573	42 in.	10
296089	VFUVOL-107 DX E	White	501	100 in.	10	296245	VFUVOL-107 DX E	Light Beige	573	48 in.	10
296091	VFUVOL-107 DX E	White	501	108 in.	10	296248	VFUVOL-107 DX E	Light Beige	573	54 in.	10
296092	VFUVOL-107 DX E	White	501	110 in.	10	296251	VFUVOL-107 DX E	Light Beige	573	60 in.	10
296094	VFUVOL-107 DX E	White	501	120 in.	10	296254	VFUVOL-107 DX E	Light Beige	573	72 in.	10
296098	VFUVOL-107 DX E	White	501	144 in.	10	296257	VFUVOL-107 DX E	Light Beige	573	84 in.	10
296099	VFUVOL-107 DX E	White	501	154 in.	10	296260	VFUVOL-107 DX E	Light Beige	573	96 in.	10
296105	VFUVOL-107 DX E	White	501	240 in.	10	296265	VFUVOL-107 DX E	Light Beige	573	120 in.	10
296116	VFUVOL-107 DX E	Black	580	16 in.	10	296270	VFUVOL-107 DX E	Light Beige	573	144 in.	10
296118	VFUVOL-107 DX E	Black	580	12 in.	10						
296119	VFUVOL-107 DX E	Black	580	20 in.	10						
296120	VFUVOL-107 DX E	Black	580	18 in.	10						
296122	VFUVOL-107 DX E	Black	580	24 in.	10						
296124	VFUVOL-107 DX E	Black	580	30 in.	10						
296125	VFUVOL-107 DX E	Black	580	34 in.	10						
296126	VFUVOL-107 DX E	Black	580	36 in.	10						
296128	VFUVOL-107 DX E	Black	580	40 in.	10						
296129	VFUVOL-107 DX E	Black	580	42 in.	10						
296131	VFUVOL-107 DX E	Black	580	48 in.	10						
296133	VFUVOL-107 DX E	Black	580	54 in.	10						
296134	VFUVOL-107 DX E	Black	580	46 in.	10						
296135	VFUVOL-107 DX E	Black	580	60 in.	10						
296137	VFUVOL-107 DX E	Black	580	66 in.	10						
296139	VFUVOL-107 DX E	Black	580	72 in.	10						
296141	VFUVOL-107 DX E	Black	580	84 in.	10						

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No. 280692

YKK® VISLON® VFUVOL-86 DA E NO. 8 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SHORT SINGLE PULL METAL SLIDER

YKK No. 8 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
280681	VFUVOL-86 DA E	White	501	42 in.	10
280692	VFUVOL-86 DA E	Black	580	48 in.	10

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No. 280758

YKK® VISLON® VFUVOL-87 DXL E NO. 8 SEPARATING ZIPPER WITH AUTOMATIC LOCK – LONG DOUBLE PULL METAL SLIDER

YKK No. 8 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE	ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
280700	VFUVOL-87 DXL E	White	501	18 in.	10	280750	VFUVOL-87 DXL E	Black	580	42 in.	10
280702	VFUVOL-87 DXL E	White	501	24 in.	10	280752	VFUVOL-87 DXL E	Black	580	48 in.	10
280704	VFUVOL-87 DXL E	White	501	30 in.	10	280754	VFUVOL-87 DXL E	Black	580	54 in.	10
280706	VFUVOL-87 DXL E	White	501	36 in.	10	280756	VFUVOL-87 DXL E	Black	580	60 in.	10
280707	VFUVOL-87 DXL E	White	501	38 in.	10	280758	VFUVOL-87 DXL E	Black	580	66 in.	10
280710	VFUVOL-87 DXL E	White	501	42 in.	10	280760	VFUVOL-87 DXL E	Black	580	72 in.	10
280712	VFUVOL-87 DXL E	White	501	48 in.	10	280762	VFUVOL-87 DXL E	Black	580	78 in.	10
280714	VFUVOL-87 DXL E	White	501	54 in.	10	280764	VFUVOL-87 DXL E	Black	580	84 in.	10
280716	VFUVOL-87 DXL E	White	501	60 in.	10	280766	VFUVOL-87 DXL E	Black	580	96 in.	10
280717	VFUVOL-87 DXL E	White	501	56 in.	10	280770	VFUVOL-87 DXL E	Black	580	110 in.	10
280720	VFUVOL-87 DXL E	White	501	72 in.	10	280772	VFUVOL-87 DXL E	Black	580	120 in.	10
280722	VFUVOL-87 DXL E	White	501	78 in.	10	280787	VFUVOL-87 DXL E	Gray	576	38 in.	10
280724	VFUVOL-87 DXL E	White	501	84 in.	10	280792	VFUVOL-87 DXL E	Gray	576	48 in.	10
280726	VFUVOL-87 DXL E	White	501	96 in.	10	280796	VFUVOL-87 DXL E	Gray	576	60 in.	10
280730	VFUVOL-87 DXL E	White	501	110 in.	10	280800	VFUVOL-87 DXL E	Gray	576	72 in.	10
280732	VFUVOL-87 DXL E	White	501	120 in.	10	280804	VFUVOL-87 DXL E	Gray	576	84 in.	10
280740	VFUVOL-87 DXL E	Black	580	18 in.	10	280806	VFUVOL-87 DXL E	Gray	576	96 in.	10
280741	VFUVOL-87 DXL E	Black	580	22 in.	10	280810	VFUVOL-87 DXL E	Gray	576	110 in.	10
280742	VFUVOL-87 DXL E	Black	580	24 in.	10						
280744	VFUVOL-87 DXL E	Black	580	30 in.	10						
280746	VFUVOL-87 DXL E	Black	580	36 in.	10						
280748	VFUVOL-87 DXL E	Black	580	40 in.	10						

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No. 280446

YKK® VISLON® VFUVOL107TX NO. 10 SEPARATING ZIPPER WITH AUTOMATIC LOCK – DOUBLE-PULL PLASTIC SLIDER

YKK No. 10 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
280218	VFUVOL107TX	White	501	18 in.	10
280220	VFUVOL107TX	White	501	24 in.	10
280221	VFUVOL107TX	White	501	30 in.	10
280222	VFUVOL107TX	White	501	36 in.	10
280224	VFUVOL107TX	White	501	40 in.	10
280226	VFUVOL107TX	White	501	42 in.	10
280228	VFUVOL107TX	White	501	48 in.	10
280230	VFUVOL107TX	White	501	54 in.	10
280232	VFUVOL107TX	White	501	60 in.	10
280234	VFUVOL107TX	White	501	66 in.	10
280236	VFUVOL107TX	White	501	72 in.	10
280237	VFUVOL107TX	White	501	78 in.	10
280238	VFUVOL107TX	White	501	84 in.	10
280240	VFUVOL107TX	White	501	96 in.	10
280242	VFUVOL107TX	White	501	100 in.	10
280244	VFUVOL107TX	White	501	108 in.	10
280246	VFUVOL107TX	White	501	110 in.	10
280248	VFUVOL107TX	White	501	120 in.	10
280418	VFUVOL107TX	Black	580	18 in.	10
280420	VFUVOL107TX	Black	580	24 in.	10
280421	VFUVOL107TX	Black	580	30 in.	10
280422	VFUVOL107TX	Black	580	36 in.	10
280424	VFUVOL107TX	Black	580	40 in.	10
280426	VFUVOL107TX	Black	580	42 in.	10
280428	VFUVOL107TX	Black	580	48 in.	10
280430	VFUVOL107TX	Black	580	54 in.	10
280432	VFUVOL107TX	Black	580	60 in.	10
280434	VFUVOL107TX	Black	580	66 in.	10
280436	VFUVOL107TX	Black	580	72 in.	10
280438	VFUVOL107TX	Black	580	84 in.	10
280440	VFUVOL107TX	Black	580	96 in.	10
280442	VFUVOL107TX	Black	580	100 in.	10
280444	VFUVOL107TX	Black	580	108 in.	10
280446	VFUVOL107TX	Black	580	110 in.	10
280448	VFUVOL107TX	Black	580	120 in.	10

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No. 295685

YKK® VISLON® VSOL56 NO. 5 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SHORT SINGLE PULL METAL SLIDER

YKK No. 5 Vislon Separating Zippers are extremely strong and lightweight and differ from conventional zippers, because the “teeth” are made from Delrin® and the tape is polyester. Because of the unique properties of the Vislon Zipper, it has a wide variety of industrial, consumer and military applications where environmental conditions reduce the effectiveness of metal zippers.

The Vislon Zipper is corrosion resistant. The zipper is self-lubricating and operates smoothly despite mud, sand, etc. The color is an integral part of the molding material, creating a finish that does not rub off, peel or chip.

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
295685	VSOL56	Black	580	52 in.	10
295687	VSOL56	White	501	46 in.	10
295690	VSOL56	White	501	12 in.	10
295692	VSOL56	White	501	24 in.	10
295693	VSOL56	White	501	30 in.	10
295694	VSOL56	White	501	36 in.	10
295695	VSOL56	White	501	42 in.	10
295697	VSOL56	White	501	48 in.	10
295698	VSOL56	White	501	54 in.	10
295699	VSOL56	White	501	60 in.	10
295701	VSOL56	White	501	72 in.	10
295703	VSOL56	White	501	84 in.	10
295705	VSOL56	White	501	96 in.	10
295707	VSOL56	White	501	108 in.	10
295709	VSOL56	White	501	144 in.	10
295711	VSOL56	Black	580	12 in.	10
295713	VSOL56	Black	580	24 in.	10
295714	VSOL56	Black	580	30 in.	10
295715	VSOL56	Black	580	36 in.	10
295716	VSOL56	Black	580	42 in.	10
295717	VSOL56	Black	580	44 in.	10
295718	VSOL56	Black	580	48 in.	10
295719	VSOL56	Black	580	54 in.	10
295720	VSOL56	Black	580	60 in.	10
295722	VSOL56	Black	580	72 in.	10
295724	VSOL56	Black	580	84 in.	10
295726	VSOL56	Black	580	96 in.	10
295728	VSOL56	Black	580	108 in.	10
295730	VSOL56	Black	580	144 in.	10
295733	VSOL56	Black	580	110 in.	10
295745	VSOL56	Black	580	46 in.	10

YKK® and Vislon® are registered trademarks of YKK Corporation. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.

YKK® VISLON® VFUVOL-86 DA E 5/8 NO. 8 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SINGLE PULL METAL SLIDER

ITEM #	STYLE #	COLOR	LENGTH	STANDARD PACKAGE
280085	VFUVOL86 DA E 5/8	Black	60 in.	10

YKK® and Vislon® are registered trademarks of YKK Corporation.

YKK® ZIPLON® CFOR-106 DA E NO. 10 SEPARATING ZIPPER WITH AUTOMATIC LOCK – SINGLE PULL METAL SLIDER

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
295766	CFOR-106 DA E	White	501	36 in.	10
295767	CFOR-106 DA E	Black	580	36 in.	10
295768	CFOR-106 DA E	White	501	48 in.	10
295769	CFOR-106 DA E	Black	580	48 in.	10
295770	CFOR-106 DA E	White	501	60 in.	10
295771	CFOR-106 DA E	Black	580	60 in.	10
295772	CFOR-106 DA E	White	501	72 in.	10
295773	CFOR-106 DA E	Black	580	72 in.	10
295774	CFOR-106 DA E	White	501	84 in.	10
295775	CFOR-106 DA E	Black	580	84 in.	10
295776	CFOR-106 DA E	White	501	96 in.	10
295777	CFOR-106 DA E	Black	580	96 in.	10
295778	CFOR-106 DA E	White	501	108 in.	10
295779	CFOR-106 DA E	Black	580	108 in.	10

YKK® and Ziplon® are registered trademarks of YKK Corporation. Delrin® is a registered trademark of E.I. DuPont de Nemours and Company, Inc.

YKK® ZIPLON® CFOR-105 DWL NO. 10 SEPARATING ZIPPER NON-LOCKING – DOUBLE PULL METAL SLIDER

ITEM #	STYLE #	COLOR	COLOR NUMBER	LENGTH	STANDARD PACKAGE
295960	CFOR-105 DWL E	White	501	36 in.	10
295961	CFOR-105 DWL E	Black	580	36 in.	10
295962	CFOR-105 DWL E	White	501	48 in.	10
295963	CFOR-105 DWL E	Black	580	48 in.	10
295964	CFOR-105 DWL E	White	501	60 in.	10
295965	CFOR-105 DWL E	Black	580	60 in.	10
295966	CFOR-105 DWL E	White	501	72 in.	10
295967	CFOR-105 DWL E	Black	580	72 in.	10
295968	CFOR-105 DWL E	White	501	84 in.	10
295969	CFOR-105 DWL E	Black	580	84 in.	10
295970	CFOR-105 DWL E	White	501	96 in.	10
295971	CFOR-105 DWL E	Black	580	96 in.	10
295972	CFOR-105 DWL E	White	501	108 in.	10
295973	CFOR-105 DWL E	Black	580	108 in.	10

YKK® and Ziplon® are registered trademarks of YKK Corporation.



No. 279813

YKK® ZIPPY COOL®

This two-part product includes a cleaner and lubricant. It is specially formulated for use on all types of metal and plastic zippers. Zippy Cool's patented push/pull dispenser brush removes harmful dirt, sand and salt. After rinsing, it leaves a protective film on the zipper. Lubrication on the zipper will not flake or cause jams, even in extreme temperatures. It contains no silicone or paraffin.

ITEM #	DESCRIPTION	STANDARD PACKAGE
279813	Zippy Cleaner and Lubricant	1

YKK® and Zippy Cool® are registered trademarks of YKK Corporation.

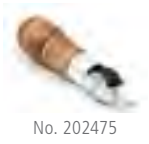


No. 279800

ZIPZAP LUBRICANTS

Extends the life of the zipper. Cleans and lubricates plastic, nylon, and metal zippers, without collecting dirt, sand or organic residue. The wax provides smooth zipper teeth operation, and the fluid cleans and lubricates the zipper action.

ITEM #	DESCRIPTION	PUT UP	STANDARD PACKAGE
279800	Fluid	2 oz.	24



No. 202475

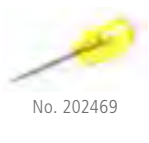
AWL – AUTOMATIC

The No. 413 Automatic Awl is used for sewing leather and canvas. This tool carries a spool of thread on the handle and includes an extra curved needle and wrench.



No. 202476

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
202475	413	Automatic Awl	1
202476	413N-5	Automatic Awl Straight Needles	12

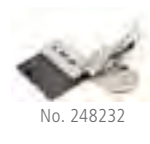


No. 202469

AWL – HEAVY-DUTY SCRATCH NO. 4

Scratch Awl comes with a plastic handle and quality steel blade. It's used to mark surfaces for cutting and fabrication and for holding down fabric while working.

ITEM #	STYLE #	BLADE SIZE	STANDARD PACKAGE
202469	1	2-1/2 in.	1
202470	2	3-1/2 in.	1

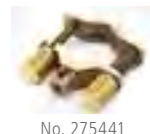


No. 248232

BINDER

This inexpensive universal binder attachment is ideal for use with 3/4 inch and 1 inch acrylic bindings. It comes with a universal plate assembly so it fits almost any commercial sewing machine. The opening is wide enough so that two edge turn bias cut binding slides smoothly and effortlessly through the attachment.

ITEM #	STYLE #	DESCRIPTION	SIZE	TYPE
248231	100LS	Universal Binder with Plate	3/4 in.	Plain
248232	100LS	Universal Binder with Plate	1 in.	Plain
248233	100LS	Universal Binder with Plate	5/8 in.	Plain

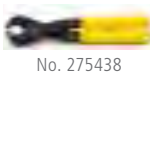


No. 275441

DRILLSTEADY DRILL FOR STAINLESS TUBING

DrillSteady uses 9/64 inch drill bit for No. 8 screw or fastener. Unique design allows drilling on installed frames, corners, or anywhere.

ITEM #	STYLE #
275441	3587



No. 275438

CRIMPING TOOL

Used for setting insert fittings in 3/4 inch and 7/8 inch O.D. aluminum tubing.

ITEM #	STYLE #	DESCRIPTION	STANDARD PACKAGE
275438	5583	Crimping Tool	1
275439	5585	Crimping Tool Replacement Tip	1



No. 216110



No. 216133



No. 216134

DOT® SNAPMASTER M840

The M840 hand press incorporates many features of bench and foot presses in a portable and cost-effective tool. Ideal for installing DOT® Durable™, Pull-The-Dot®, Lift-The-Dot® and curtain fasteners. Replacement parts available.

ITEM #	STYLE #	DESCRIPTION	FOR USE WITH
216110		Snapmaster Hand Press M840	
216115	4101	Cutting Punch	16205 DOT Lift-The-Dot Socket
216116	4201	Setting Punch	16506 DOT Lift-The-Dot Clinch Plate
216117	4301	Setting Punch	16205 DOT Lift-The-Dot Socket
216118	4401	Setting Die	16506 DOT Lift-The-Dot Clinch Plate
216124	4302	Setting Punch	78403 Curtain Fastener Eyelet
216125	4402	Setting Die	78505 Curtain Fastener Washer
216129	4303	Setting Punch	10224 DOT Durable Socket
216130	4403	Setting Die	10127/10128 DOT Durable Button
216131	4304	Setting Punch	10370 DOT Durable Stud
216132	4404	Setting Die	10412 DOT Durable Eyelet
216133	4103	Setting Punch	78403 Curtain Fastener Eyelet
216134	4203	Setting Die	78403 Curtain Fastener Eyelet
216135	4305	Setting Punch	18201 DOT Pull-The-Dot Socket
216136	4405	Setting Die Cap	18100 DOT Pull-The-Dot Button
216137	4700	Setting Punch	00900 #1 Grommet
216138	4701	Setting Die	00800 #1 Grommet
275113	9053	Punch Tool	
275114	9054	Die Tool	
275117	9063	Punch Tool	
275118	9064	Die Tool	

DOT®, Lift-The-Dot® and Pull-The-Dot® are registered trademarks of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



No. 216045



No. 216047

HAND TOOLS FOR DOT® COMMON SENSE® FASTENERS

ITEM #	STYLE #	DESCRIPTION
216045	C4-450	Common Sense Fastener Cutter
216047*	QTTL	Common Sense Quick Turn Lock Driver
216048*	QTTL-N	Common Sense Quick Turn Lock Driver
216050*	89-450	Common Sense Fastener Cutter
223508	9577	Common Sense Machine Die
223509	9578	Common Sense Machine Die
275442		E-Z Common Sense Hand Punch
275584	9908	Screwdriver for Curtain Fastener
275612		Fast Set Hand Tool for Curtain Fastener

*216047 - For use with 1/4 in. cordless screw driver or drill motor. To install XX-78315, XX-78324, XX-78325, X8-78324, XB-78324, XB-78325, turn buttons.

*216048 - For use with 1/4 in. cordless screw driver or drill motor. To install 404, 405, XB-404 and XB-405 turn buttons.

*216050 - Use with cutting pad (Item no. 223449). For BS-78403 (No. 400) Eyelet.

DOT® and Common Sense® are registered trademarks of Scovill, Inc.

HAND TOOLS FOR DOT® DURABLE™ OR GLOVE BUTTON FASTENERS



No. 223503



No. 275504



No. 275564

ITEM #	STYLE #	DESCRIPTION
223503	9936	Bench Die for BS-10412 Eyelet
248160*	164H	Hand Punch
275504*	169N	Phillips Head Screwdriver for Durable DOT
275507	9772	Setting Die for Baby Durable 12302/12303
275564	164	Setting Punch for Durable DOT
275583	1482	Die for Baby Durable 12105 Cap
275587	1488	Die for Baby Durable 12404/12405/12407 Post
275588	9323	Punch for Baby Durable 12205/12206 Socket
275589	9332	Punch for Baby Durable Eyelets
275592	ADAPPHIL	Phillips Screw Stud Adapter

*248160 - Works with #248175 and #248176.
 *275504 - For X8-10301, X8-10302, XX-10362, X8-10393, XB-10393, X8-10704, XX-10708 and X8-10934 studs.

DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



No. 256071

HAND PRESS NO. M-380E

Hand press for DOT® fasteners.

ITEM #	STYLE #
256071	M-380E

DOT® is a registered trademark of Scovill, Inc.

HAND PRESS NO. M-380E – DIES FOR DOT® DURABLE™ FASTENERS



No. 223510



No. 223512

ITEM #	STYLE #	FOR USE WITH
223501	1401	X2-10128/X2-10127 Button
223510	1410	XB-10224 Socket
223512	1412	BS-10370 Stud
275580	9557	XB-10342 Stud

DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.

HAND TOOLS FOR DOT® LIFT-THE-DOT® FASTENERS



No. 248161



No. 275443



No. 275501



No. 275502

ITEM #	STYLE #	DESCRIPTION
248161	L6-9951	Lift-The-Dot Hand Punch
248162*	71-177	Lift-The-Dot Cutting Punch
275443		E-Z Lift-The-Dot Hand Cutting Punch
275480	16501	Die for BS-16501
275481	16349	Die for BS-16349
275501*	9951	Hand Cutting Punch for XX-16205/XX-16206
275502	169B	Screwdriver for Lift-The-Dot Studs
275573	9940	Bench Die for XB-16358 Single Eyelet
275575*	171	Hand Punch for BS-78332/BS-78333/BS-16349
275576	9432	Die for 90-16506

*248162 - For 90-16349, 91-78322 and 91-78333.
 *275501 - Use with cutting pad (Item no. 223449). For XX-16205 socket with chisel point.
 *275575 - Use with cutting pad (Item no. 223449).

DOT® and Lift-The-Dot® are registered trademarks of Scovill, Inc.

HAND PRESS NO. M-380E – DIES FOR DOT® LIFT-THE-DOT® FASTENERS

ITEM #	STYLE #	DESCRIPTION	FOR USE WITH
223554	1454	Die	XX-16205 socket
223555	1455	Die	BS-16506 clinch plate
223556	1456	Die	XB-16358/XB-16359 stud
223557	1457	Die	BS-16509 washer

FABRIC FASTENER KIT

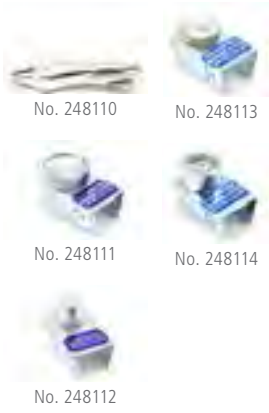


No. 248133

Used for setting 10128, 10224, 10370 and 10412 DOT® Durable™ fasteners.

ITEM #	STYLE #	DESCRIPTION
248133	USC1T	Nos. 9896 and 9897 setting tools (2 pieces each bag)

DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



PLIERS – VISE® PLIERS KIT FOR DOT® DURABLE™

ITEM #	STYLE #	DESCRIPTION	FOR USE WITH
248109*		VISE Pliers and Dies Kit	
248110	T310R	VISE Pliers	
248111	MT479B	Metal Anvil Die	X2-10128 Button #MT479B
248112	MT482A	Metal Clincher Die	XB-10224 Socket #MT482B
248113	MT480B	Metal Anvil Die	BS-10412 Eyelet #MT480B
248114	MT489A	Metal Clincher Die	BS-10370 Stud #MT489A

*248109 - Kit includes: 2– No. 100 VISE Pliers; 1– No. M-102 Metal Clincher Die for No. XB-10224 Socket; 1– No. M-103 Metal Anvil Die for No. BS-10412 Eyelet; 1– No. M-104 Metal Clincher Die for No. BS-10370 Stud; 1– No. M-105 Metal Anvil Die, with Ring, for X2-10128 Button.

VISE® is a registered trademark of Irwin Tools. DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



PRES-N-SNAP®

ITEM #	DESCRIPTION	FOR USE WITH
248172	Rubber O-Ring	#12 Stud Black
275397	Die	#10379 Stud
275398	Bench Mount	
275399	Frame	
275400*	Pres-N-Snap Complete Tool	
275401	Die	#10128 Button
275402	Die	#10370 Stud
275403	Die	#10412 Eyelet
275404	Die	#10224 Socket
275405	M-2700 Rubber Ring	DOT Durable Dies
275409	Rubber O-Ring	
275411	Baby Durable Die Set	
275412	Die	#BS16509 Washer
275413	Die	#XB16358 Stud
275415	Plunger	
275416	Spring	
275417	Handle	
275423	Stayput Shock Cord Clip (SCC/SCR)	
275427	Lever	
275428	Die	#10342 Gypsy Stud
275429	Die Set	DOT Speedy Rivet #11L-Small HPR/HPRF

*275400 - Includes dies for 10128, 10224, 10370, 10412 durable fasteners – plus die for No. 1 grommet with plain washer.

Pres-N-Snap® is a registered trademark of Hoover Products. DOT® is a registered trademark of Scovill, Inc. Durable™ is a trademark of Scovill, Inc.



No. 275420



No. 275425

PRES-N-SNAP® – GROMMET DIES

ITEM #	DESCRIPTION	FOR USE WITH
248173	Die Set	No. 0 Grommets with Spur Washers
248174	Hole Punch	No. 0 Grommets
275419	Die Set	No. 1 Plain Grommets
275420	Die Set	No. 2 Plain Grommets
275421	Die Set	No. 00 Plain Grommets
275422	Die Set	No. 0 Plain Grommets
275425	Hole Punch	No. 1 Grommets
275426	Hole Punch	No. 2 Grommets
275430	Die Set	No. 2 Self-Piercing Grommets
275431	Die Set	No. 1 Self-Piercing Grommets
275432	Die Set	No. 1 Grommets with Spur Washers
275434	Die Set	No. 0 Self-Piercing Grommets
275435	Hole Punch	No. 00 Grommets

Pres-N-Snap® is a registered trademark of Hoover Products.



No. 275590



No. 275595



No. 275596

QUICK-FIT™ TOOL KIT

Quick-Fit holding tool snaps on to existing studs and provides a quick and easy way to hold material while fitting — no clamps necessary. Quick-Fit holds material in place on the holding pin, especially on a windy day. Quick-Fit release tool easily installs and removes the holding pin from the stud. Quick-Fit tools are great for fitting with material and also holding paper or plastic when making a pattern. Can be used over and over on job after job. Can be used on boat cockpit covers, side curtains, enclosures, console covers, carpet, pickup truck tonneau covers, etc. Quick-Fit holding tools accurately mark the fabric cover where the snap sockets are to be placed.

Quick-Fit Tool Kit includes 25 Quick-Fit Caps, 50 Quick-Fit Sockets and 1 Quick-Fit Release Tool.

ITEM #	DESCRIPTION
275590	Quick-Fit Fastener Tool Kit
275591	Quick-Fit Fastener Tool Kit Caps
275595	Quick-Fit Fastener Tool Kit Sockets with Points
275596	Quick-Fit Fastener Release Tool

Quick-Fit™ is a trademark of Quick Fit Canvas Tools.



FASNAP® PM5 GROMMET MACHINE

The PM5 machine is an industry standard bench-mounted machine. It is made of tough ductile iron and has a deep throat with a longer padded handle. This machine uses standard 3/8 inch diameter shank dies that set self-piercing grommets up to size 300 (#4), and snap fasteners in one motion, swiftly and efficiently. Throat depth: 4-3/4 inch.

ITEM #	DESCRIPTION
248185	Fasnap PM5 Grommet Machine

FASNAP® is a registered trademark of The FASNAP Corporation.



No. 256430

HOLE PUNCH

Excellent for punching screw holes in aluminum molding, without leaving burred edges.

Makes a 1/8 inch or 3/16 inch hole and are easily changed from standard 1/8 inch hole size to 3/16 inch. Punch is constructed from high-quality tool steel used in commercial high-production punch press dies. Body is lightweight, die cast aluminum with rust-resistant, nickel-plated steel handles and parts. Features a non-slip cushion handle grip.

ITEM #	STYLE #	SIZE
256430	HP18K	1/8 in. to 3/16 in. holes



No. 248501



No. 248502



No. 248506

ENGEL HOT KNIFE

Cuts and seals the edges of synthetic fabrics to prevent fraying. The knife can be used with a cutting foot to eliminate the need for a special cutting base or surface. Designed for intermittent operation, the knife heats up in six to eight seconds. Temperature is controlled by a convenient trigger switch. All items are sold separately.

Use in well ventilated areas.

ITEM #	STYLE #	DESCRIPTION
248501	C851	Engel HSG-O Electric Hot Knife Cutter
248502	C852	Engel Hot Knife Blade 100R
248506	C856	Engel Hot Knife Cutting Foot



No. 252248

HAND NOTCHER

Fast and easy cutting. Notcher makes a clean 30°, “V”-shaped cut in sheet metal. 13/16 inch maximum throat depth. Upper cutting jaw is drop forged, high-impact alloy steel. Hook design of cutting jaw facilitates notching to desired depth without slippage. Nickel plated and black oxide finish. Blue grips.

ITEM #	STYLE #	LENGTH	WEIGHT
252248	N1	8 in.	1 lb.



No. 256094

MULTI-DUTY HAND PRESS NO. W-1

This Osborne high quality hand machine cuts fabric and covers buttons. It uses 2 piece dies and short cutters. This hand machine has a reinforced frame and handle. It bolts to a table for added stability. The machine handles between 80-120 buttons per hour. It can also be used to set snaps, grommets and ventilators.



No. 256095

ITEM #	STYLE #	DESCRIPTION
256094	W-1	Osborne Multi-Duty Hand Press #W-1
256095	W-1H	Handle
256096	W-1P	Pin
256097	W-1PL	Plate
256098	W-1 SPRING	Top Spring



No. 256098

MULTI-DUTY HAND PRESS NO. W-1 – DIES

Dies for setting snaps, grommets, and ventilators for the Osborne Multi-Duty Hand Press #W-1 (Item# 256094).

ITEM #	STYLE #	DESCRIPTION	SIZE
256297	WDISN41	Snap Die #24	24
256298	WDISN201	Snap Die #20	20
256299	WDIGRC00	Setting Die #00 For Plain Washer	00
256300	WDIGRC0	Setting Die #0 For Plain Washer	0
256301	WDIGRC1	Setting Die #1 For Plain Washer	1
256302	WDIGRC2	Setting Die #2 For Plain Washer	2
256303	WDIGRC3	Setting Die #3 For Plain Washer	3
256304	WDIGRC4	Setting Die #4 For Plain Washer	4
256305	WDIGRC5	Setting Die #5 For Plain Washer	5
256306	WDIGRC6	Setting Die #6 For Plain Washer	6
256312	WDIGRC12	Setting Die #12 For Plain Washer	12
256315	WDIGRC15	Setting Die #15 For Plain Washer	15
256320	WDISGRC0	Setting Die #0 for Spur Washer	0
256321	WDISGRC1	Setting Die #1 for Spur Washer	1
256322	WDISGRC2	Setting Die #2 for Spur Washer	2
256323	WDISGRC3	Setting Die #3 for Spur Washer	3
256324	WDISGRC4	Setting Die #4 for Spur Washer	4
256325	WDISGRC5	Setting Die #5 for Spur Washer	5
256330	WDISGRC10	Setting Die #10 for Spur Washer	10
256331	WDIV1	Ventilator Die 1 in.	
256332	V-1-1	Ventilator 1 in.	
256333	WDIVS	Ventilator Die 3/4 in.	
256334	684	Ventilator 3/4 in.	



No. 255250

PLIERS – FABRIC PULLING PLIERS NO. 250

No. 250 plier is made with a hammer jaw. The hammer acts as a lever if a strong pull is required. This is an excellent tool for stretching canvas and leather as well as webbing. It is ideal for pulling fabric over frames.

ITEM #	STYLE #	LENGTH	STANDARD PACKAGE
255250	250	8-3/4 in.	1



No. 256440

REVOLVING PUNCH NO. 155

Used to punch holes in soft fabrics and leather goods. The frame is made of highly polished forged steel. The cutting tubes are hand turned from high carbon tool steel and threaded to allow easy replacement.

ITEM #	STYLE #	LENGTH	STANDARD PACKAGE	WEIGHT
256440	155	8-1/2 in.	1	1 lb.



No. 256452

REVOLVING PUNCH NO. 155 – CUTTING TUBE KIT

ITEM #	STYLE #	STANDARD PACKAGE
256452	155T	1



No. 256442

REVOLVING PUNCH NO. 155 – CUTTING TUBES

ITEM #	STYLE #	SIZE	STANDARD PACKAGE
256441	155T-1	3/32 in.	1
256442	155T-2	7/64 in.	1
256443	155T-3	1/8 in.	1
256444	155T-4	5/32 in.	1
256445	155T-5	11/64 in.	1
256446	155T-6	3/16 in.	1

REVOLVING PUNCH NO. 155 – PUNCH ANVIL

A copper replacement base for the No. 155 Revolving Punch. The soft copper composition of this base is gentle on dies to provide longer service life.

ITEM #	STYLE #	STANDARD PACKAGE
256448	155A	12



No. 268120

SEWING KIT

Exclusively from Trivantage®, our Sewing Kit puts sewing solutions right at your fingertips. This durable and useful kit can be used on a variety of fabrics and projects. The kit contains:

- 1 small curved scissor – Makes working on sewing machine threads much easier.
- 1 bent scissor – Great for cutting small threads and material that is close to a sewing machine needle.
- 1 solid ball seam ripper – This heavy-duty alternative to plastic seam rippers is primarily used for window replacements.
- 1 staple remover – Removes staples from fabric or upholstery easily and without pulls. Each tool is made from handcrafted stainless steel.

ITEM #
268120

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 214301

THREAD NIPPERS

ITEM #	FULL LENGTH
214301	4-1/2 in.



No. 248395

SCISSORS – OLFA® SERRATED EDGE SCISSORS

OLFA stainless steel scissors are ideal for consumer and industrial applications. High quality stainless steel blades meet perfectly for precision cutting. The material being cut is held in place by one blade which is slightly serrated providing maximum control. Excellent for cutting multiple layers of fabric.

ITEM #	STYLE #	STANDARD PACKAGE
248395	SCS-2	1

OLFA® is a registered trademark of the OLFA Corporation.



No. 266225

SHEARS – WISS® UPHOLSTERY, CARPET AND FABRIC SHEARS

Hot drop-forged, polished blades. One blade is ground to a knife-edge.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

ITEM #	STYLE #	FULL LENGTH	LENGTH OF CUT	STANDARD PACKAGE
266225	1225	10-1/4 in.	4-3/4 in.	1
266226	1226	12-1/4 in.	6-1/8 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



No. 266027

SHEARS – WISS® INDUSTRIAL SHEARS

Hot drop-forged, nickel-plated shears with standard edge blades.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

ITEM #	STYLE #	FULL LENGTH	LENGTH OF CUT	STANDARD PACKAGE
266027	27	7-1/2 in.	3-1/8 in.	1
266028	28	8-1/8 in.	3-3/4 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



No. 266022

SHEARS – WISS® UPHOLSTERY, DRAPERY, CARPET AND FABRIC SHEARS – HEAVY DUTY

With thick, heavy-duty blades to cut through multiple layers and tough material. Hot drop-forged, polished standard edge blades.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

ITEM #	STYLE #	FULL LENGTH	LENGTH OF CUT	STANDARD PACKAGE
266019	20W	10-1/4 in.	4-3/4 in.	1
266022	22W	12-1/4 in.	6-1/8 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



No. 266020

SHEARS – WISS® INDUSTRIAL SHEARS – HEAVY DUTY

Hot drop-forged, polished standard edge blades, with black handles. Style 20 LH is the left-handed version.

To attain the extra sharp knife edge, the cutting edge of the top blade is ground to a greater angle than regular shears. For this reason they will require more frequent sharpening than conventional Wiss Inlaid® Trimmers. However, a simple resharpening procedure will restore the edge quickly and easily. Do not stone the inside of this blade or the opposing blade.

ITEM #	STYLE #	FULL LENGTH	LENGTH OF CUT	STANDARD PACKAGE
266020	20	10-1/4 in.	4-3/4 in.	1
266021	20LH	10-1/4 in.	4-3/4 in.	1

Wiss® and Inlaid® are registered trademarks of Cooper Industries, Inc.



No. 266227

SHEARS – ERGONOMIC SHEARS

Ergonomic Shears have an extended bottom ring that allows you to use all four fingers and wear a glove, if needed. By using your whole hand, you have more comfort, less strain on the wrist and added cutting leverage. This bent trimmer is made from high-carbon steel with a knife edge and blue soft-coated handle for extra comfort. A chrome-over-nickel plating inside and out provides double rust prevention.

ITEM #	STYLE #	FULL LENGTH
266227	210LRK	10 in.



No. 266016

SHEARS – WISS® SHOP SHEARS

Serrated bladed shears.

ITEM #	STYLE #	FULL LENGTH	STANDARD PACKAGE
266016	W912	10 in.	1

Wiss® is a registered trademark of Cooper Industries, Inc.



No. 266231

SHEARS – KRETZER®

Kretzer Scissors is the leading German scissors manufacturer. The quality and durability of these shears are only two of many aspects associated with German craftsmanship.

ITEM #	STYLE #	DESCRIPTION	FULL LENGTH	STANDARD PACKAGE
266231	64420	Trivantage® Pinking Shears	8 in.	1
266232	73725	Trivantage Shop Shears	10 in.	1
266233	K22	Trim Shears	12 in.	1
266234	K20	Trim Shears	10 in.	1
266236	72020	Trivantage Trim Shears	8 in.	1

Kretzer® is a registered trademark of Johann Kretzer GmbH & Co. Trivantage® is a registered trademark of Glen Raven, Inc.



No. 268100

STAPLE REMOVER

Forged from 4140 alloy tempered steel.

ITEM #	STYLE #
268100	124



No. 275599

TOP-SNAPPER®

Built of marine-grade stainless steel with an easy to grip rubberized handle, makes snapping your canvas boat top into place easy and convenient. Just slide the ingenious, patented Top-Snapper over the snap, pull it into place, and snap it shut.

ITEM #	STYLE #
275599	008.1



Top-Snapper® is a registered trademark of Ironwood Pacific Inc.



No. 248219

CUTTER – TUBING

Excellent portable tubing cutter for aluminum. Stainless steel cutting wheel sold separately.

ITEM #	STYLE #	DESCRIPTION
248219	TC312	Tube Cutter
248221	75046	Stainless Steel Cutting Wheel



No. 248221



No. 216400

CUTTER – SIDE CUTTER

Typically used for plain and tooth grommet washers. For best results use Trivantage® Cutting Pad (Item no. 223449). Do not use with steel head hammers.

ITEM #	STYLE #	SIZE HOLE
216400	00	3/16 in.
216401	0	1/4 in.
216402	1	9/32 in.
216403	2	3/8 in.
216404	3	7/16 in.
216405	4	1/2 in.
216406	5	5/8 in.
216407	6	3/4 in.
216408	7	7/8 in.
216409	8	1 in.

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 216504

CUTTER – SPECIAL CUTTER

Typically used for rolled rim spur grommet washers. For best results use Trivantage® Cutting Pad (Item no. 223449). Do not use with steel head hammers.

ITEM #	STYLE #	SIZE HOLE
216499	00	3/16 in.
216501	0	1/4 in.
216502	1	9/32 in.
216503	2	3/8 in.
216504	3	7/16 in.
216505	4	1/2 in.
216506	5	5/8 in.
216507	6	3/4 in.
216508	7	7/8 in.
216509	8	1 in.

Trivantage® is a registered trademark of Glen Raven, Inc.



No. 223306

SETTING DIE FOR ROLLED RIM GROMMETS AND SPUR WASHERS

For inserting round grommets. Made of superior grade drop forged steel or hardened steel tool.

Setting Dies are guaranteed against defects in material and workmanship, but this guarantee is not intended to cover tools against wear, over-strain, steel hammering, etc. To obtain maximum life of tools use Dead Blow Hammer, Rawhide Mallet, Cutting Pad and strike at 90 degree angle.

ITEM #	STYLE #	DESCRIPTION
223301	0	Stimpson
223302	1	Stimpson
223303	2	Stimpson
223304	3	Stimpson
223305	4	Stimpson
223306	5	Stimpson
223307	6	Stimpson
223308	7	Stimpson
223309	8	Stimpson
223420	0	Osborne #217
223421	1	Osborne #217
223422	2	Osborne #217
223423	3	Osborne #217
223424	4	Osborne #217
223425	5	Osborne #217
223426	6	Osborne #217
223427	7	Osborne #217
223428	8	Osborne #217



No. 223205

SETTING DIE FOR PLAIN AND TOOTH GROMMETS AND WASHERS

For inserting round grommets. Made of superior grade drop forged steel or hardened steel tool.

Setting Dies are guaranteed against defects in material and workmanship, but this guarantee is not intended to cover tools against wear, over-strain, steel hammering, etc. To obtain maximum life of tools use Dead Blow Hammer, Rawhide Mallet, Cutting Pad and strike at 90 degree angle.

ITEM #	STYLE #	DESCRIPTION
223200	00	Stimpson
223201	0	Stimpson
223202	1	Stimpson
223203	2	Stimpson
223204	3	Stimpson
223205	4	Stimpson
223206	5	Stimpson
223207	6	Stimpson
223208	2J	Stimpson
223209	4	Stimpson
223410	00	Osborne #216
223411	0	Osborne #216
223412	1	Osborne #216
223413	2	Osborne #216
223414	3	Osborne #216
223415	4	Osborne #216
223416	5	Osborne #216
223417	6	Osborne #216



No. 216490

PUNCH KIT – SELF-CENTERING

This handy and versatile kit contains a threaded handle with self-centering pointed plunger. Designed to accommodate nine interchangeable threaded cutting tubes in diameter sizes of 1/4 inch, 5/16 inch, 3/8 inch, 7/16 inch, 1/2 inch, 5/8 inch, 3/4 inch, 7/8 inch and 1 inch. The punches in this set will cleanly cut fabric, leather, rubber, paper, plastic and other soft materials.

ITEM #	STYLE #
216490	K156



No. 248102

GROMMET KIT – HOME

A complete and inexpensive kit for household use. Each kit consists of a grommet die, a cutting punch, 3 dozen grommets and washers, a small cutting board and complete instructions.

ITEM #	STYLE #	GROMMET SIZE	WEIGHT
248100	0	1/4 in.	1-1/2 lbs.
248101	1	9/32 in.	1-1/2 lbs.
248102	2	3/8 in.	1/3/4 lbs.
248103	3	7/16 in.	1/3/4 lbs.
248104	4	1/2 in.	1/3/4 lbs.



No. 256004

FOOT PRESS – HAND FEED

The #479 is a hand feed cast iron machine, ideal where production is limited. Tools are quickly interchangeable.

The machine is 45 inches in height and requires a floor space of 14 inches x 20 inches. Weighs 113 pounds. It has a throat depth of 4 inches and a stroke of 1-3/8 inches.

ITEM #	STYLE #	DESCRIPTION	FOR USE WITH
223436	3	Setting Die	Brass Plain Washer
223437	2	Setting Die	Brass Plain Washer
223438	1	Setting Die	Brass Plain Washer
223439	1	Die Punch and Set	Brass Spur Washer
223446	2	Die Punch and Set	Brass Spur Washer
223447	1	Die Punch and Set	Brass Plain Washer
223451	1	Setting Die	Brass Spur Washer
223452	2	Setting Die	Brass Spur Washer
256004	479	Hand Feed Foot Press	



No. 237001

HAMMER – DEAD BLOW

Quick-change threaded faces are molded in one piece without metal plugs. Shot-filled heads reduce rebound and increase impact. Replacement faces in white nylon, medium red, extra hard yellow and tough brown polyurethane.

ITEM #	STYLE #	DESCRIPTION	COLOR	SIZE	WEIGHT
237000	DB175	Dead Blow Hammer		1-3/4 in.	2 lbs.
237001	DB250	Dead Blow Hammer		2-1/2 in.	4 lbs.
237002	175HF	Face Replacement	White	1-3/4 in.	
237003	250HF	Face Replacement	White	2-1/2 in.	
237004	175XF	Face Replacement	Yellow	1-3/4 in.	
237005	250TF	Face Replacement	Brown	2-1/2 in.	



No. 250801

MALLET – RAWHIDE

Commonly known as a "maul".

ITEM #	STYLE #	DESCRIPTION	WEIGHT
250800	393-2	Mallet	2 lbs.
250801	393-3	Mallet	2-12/ lbs.
250802	393-4	Mallet	4-1/2 lbs.
250803	393-6	Mallet	6 lbs.
250804		Mallet Handle	
250806	393-3RR	Mallet Leather Refill	
250807	393-4RR	Mallet Leather Refill	
250808	393-6RR	Mallet Leather Refill	
250809	196-2	Mallet	

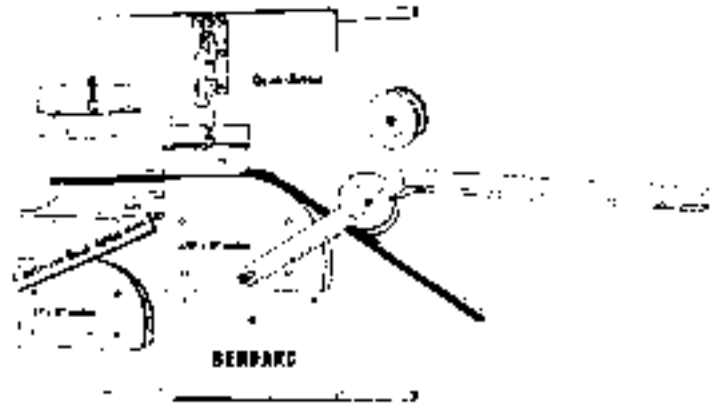


No. 237015

HAMMER – RAWHIDE WITH SPLIT HEAD – NO. 395

Ideal for use with arch punches, grommet dies or wherever a cushioned blow is desired. No trouble to replace faces. Just loosen the safety nut, remove worn face, insert replacement and tighten.

ITEM #	STYLE #	DIAMETER OF FACE	SIZE	WEIGHT
237013	395-1	1-1/4 in.	1	1-1/2 lbs.
237014	395-2	1-1/2 in.	2	2 lbs.
237015	395-3	1-3/4 in.	3	3 lbs.



BENDARC QUICK-SWITCH BENDER

The Bendarc bends a 6, 8, 10 or 12 inch radius on either 7/8, 1, or 1-1/4 inch OD aluminum or stainless steel tubing. Bends are formed using a long handle for leverage and with the aid of body weight. The Bendarc gives strong bends with smooth, rounded corners. Constructed of boiler plate steel with bearing supported roller. Rollers are high-density polymer for mar resistant contact with fine tubing finishes.

Interchangeable forming blocks, clamp blocks and rollers are also available to convert from a 6 inch radius to 8 inch or 10 inch, and a 7/8 inch OD tube to 1 inch OD. Switch sizes easily and quickly with only an Allen wrench and a 1/2 inch socket. Once forming block replacement is installed, only a finger tight adjustment of a nut on the clamp block is required.

Items are drop ship only.

ITEM #	DESCRIPTION	FOR	RADIUS
205304	Tube Bender	1 in. tubing	6 in.
205310	Tube Bender	7/8 in. tubing	6 in.
205313	Tube Bender	1-1/4 in. tubing	10 in.
205314	Tube Bender	7/8 in. tubing	8 in.
205315	Tube Bender	1 in. tubing	12 in.
205316	Tube Bender	1 in. tubing	8 in.
205318	Tube Bender	7/8 in. tubing	10 in.
205319	Tube Bender With Steel Encased Form Block	1 in. square tubing	12 in.
205320	Tube Bender	1 in. tubing	10 in.
205321	Tube Bender With Steel Encased Form Block	1 in. square tubing	10 in.
205330	Form Block	7/8 in. round tubing	6 in.
205332	Form Block	1 in. round tubing	6 in.
205334	Form Block	7/8 in. round tubing	8 in.
205336	Form Block	1 in. round tubing	8 in.
205337	Steel Encased Form Block	1 in. square tubing	10 in.
205338	Form Block	7/8 in. round tubing	10 in.
205340	Form Block	1 in. round tubing	10 in.
205341	Form Block	7/8 in. round tubing	12 in.
205342	Clamp Black Assembly	7/8 in. round tubing	
205343	Form Block	1 in. round tubing	12 in.
205344	Clamp Black Assembly	1 in. round tubing	
205345	Clamp Black Assembly	1 in. square tubing	
205346	Bearing Support Roller	7/8 in. round tubing	
205347	Bearing Support Roller	1-1/4 in. round tubing	
205348	Bearing Support Roller	1 in. round tubing	
205349	Bearing Support Roller	1 in. square tubing	
205350	Clamp		
205352	Pull Down Handle		



No. 237021

HAMMER – RAWHIDE REPLACEMENT HEADS

ITEM #	STYLE #	SIZE
237020	395F-1	1
237021	395F-2	2
237022	395F-3	3



No. 223449

CUTTING PAD

Made of a special formula resilient vinyl plastic, these tough cutting pads are ideal for use with Osborne Punches. They are long wearing and can be used on both sides. Use on a solid base for best results.

ITEM #	STYLE #	MATERIAL	SIZE
223449	603	Urethane	10 in. x 10 in. x 3/8 in.

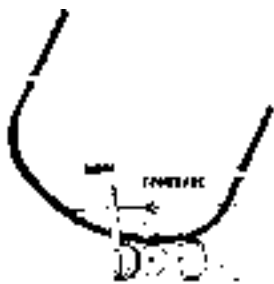


No. 237016

HAMMER – TACK

Magnetic.

ITEM #	STYLE #	DESCRIPTION
237016	33	Magnetic Tack Hammer



CROWNARC CROWN BENDER

Bends 7/8 inch, 1 inch and 1-1/4 inch outside diameter tubing using the same dies. The crown radius is adjustable from 30 in. minimum to infinity. The only Crownarc with gear drive; Crownarc's crank turns both lower wheels and "takes a bigger bite" to get more crown per pass. The Z wheel drive system makes control much easier. The back plate is boiler plate steel and rollers are high-density polymer for mar resistant contact with fine tubing. The center roller is fully adjustable.

The Crownarc is supplied with rollers cut for 1 inch diameter tubing. This easily crowns 1 inch and 7/8 inch stainless or aluminum tubing. Bender can be mounted on the wall, on a table or on the side or rear of a truck.

ITEM #	DESCRIPTION	FOR	RADIUS
205325	Tube Bender	7/8 in. and 1 in. tubing	
205327	Tube Bender	1 in. square tubing	
205329	Gear Mounted Roller	1 in. square tubing	1 in.
205362	Tube Bender	1-1/4 in. round tubing	



SPEC OVERLAP ACRYLIC WEDGE WELDER

Spec Wedge Welders were designed to provide operators with the benefits of Triad technology for single function convenience at an affordable price. With a Spec Welder, you can perform a specific welding function without changing out attachments. The Spec Overlap Acrylic Wedge Welder allows overlap welding on acrylic products, as well as other non-thermoplastic materials. Using Thermal Bonding Tape, you can produce flatter, waterproof seams.

Like other Wedge Welders, the Spec Welder features noiseless and smokeless operation, patented self-centering wedge and unique self-guiding track system for hands-free operation. The Spec also includes a new swing-out wedge feature for easy cleaning, service or inspection.

ITEM #	STYLE #	DESCRIPTION
999154	SW70300	Spec Overlap Acrylic Wedge Welder



TRIAD WEDGE ATTACHMENTS

5 Foot Track System w/Connector – A great labor saver, the pre-fabricated 5 foot track section is ideal for long runs, material handling and eliminating operator error. When using the Track, the operator does not have to steer the Triad welder. Simply position the material for proper overlap with the magnets provided, and let the Triad weld down the track. Acrylic Tape Attachment – Use with bonding tape to create various types of welds.

ITEM #	STYLE #	DESCRIPTION
999089	33-090	Triad Wedge Welder Acrylic Tape Attachment
999090	33-500	Triad Wedge Welder 5 ft. Track with Connector



No. 999065

SINCLAIR ERGO GRIP HOT AIR WELDER

For all your hand-held welding needs. Features ergonomic grip for comfort. Exclusive heat shield to help prevent burning. Variable temperature control to 650C degrees. Suitable for connection to a standard 110V AC electrical outlet.



No. 999067

ITEM #	Style #	DESCRIPTION
999065	42-0153SE	Ergo Grip Hot Air Welder with 40mm Welding Nozzle
999067	42-406	Welding Nozzle 20mm
999091	42-407	Welding Nozzle 40mm



No. 999091



No. 999075

HAND ROLLER

ITEM #	STYLE #	MATERIAL	WIDTH
999075	11-150	Silicon	1.75 in.



TAPE – THERMO BONDING

Thermo Bonding Tape has a slightly lower melting point than the standard bonding tape. This will allow the user to seal more difficult fabrics. Available in a 7/8 inch width, in white or black.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
500448	8001	3M Stitchless		100 yd.	7/8 in.
500581		FR	White	100 yd., 12/box	7/8 in.
500582		FR	Black	100 yd., 12/box	7/8 in.





SECTION 5 TRIM & CORD

EMBROIDERY	284
EMBELLISHMENTS	285-286
AWNING BRAID	286-288
TASSELS	288
MARINE BINDING	289-296
THREAD AND BOBBINS	297-303
WEBBING	303-311
ROPE AND CORDAGE	312-317



SUNBRELLA® EMBROIDERY THREAD

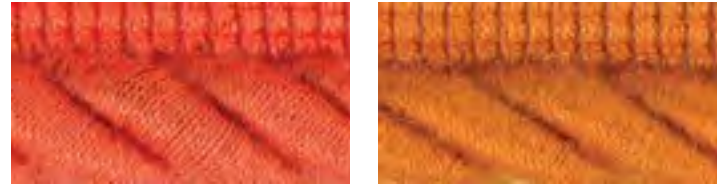
Sunbrella embroidery thread is a revolutionary embroidery product which brings the industry-leading color fastness and weather durability of Sunbrella fabrics to decorative stitching. Sunbrella embroidery thread opens up infinite possibilities for customizing outdoor and indoor products, offers carefree cleaning, and enables the creation of beautiful, durable embroidery. Sunbrella embroidery thread can be used for decorative cushions, monogramming, boat tops, resort umbrellas, bags and accessories, awnings and tents and many other applications.

WARRANTY	5-Year
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ITEM #	STYLE #	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
542826	98026	2800	23 lbs.	Captain Navy	12/box	#24
542827	98027	2800	23 lbs.	Cadet Grey	12/box	#24
542828	98028	2800	23 lbs.	Antique Beige	12/box	#24
542829	98029	2800	23 lbs.	Pigmented White	12/box	#24
542830	98030	2800	23 lbs.	Jockey Red	12/box	#24
542834	98034	2800	23 lbs.	Forest Green	12/box	#24
542839	98039	2800	23 lbs.	Taupe	12/box	#24
542840	98040	2800	23 lbs.	Vellum	12/box	#24
542841	98041	2800	23 lbs.	Gold	12/box	#24
542842	98042	2800	23 lbs.	Peridot	12/box	#24
542843	98043	2800	23 lbs.	Rust	12/box	#24
542844	98044	2800	23 lbs.	Palm	12/box	#24
542845	98045	2800	23 lbs.	Bay Brown	12/box	#24
542846	98046	2800	23 lbs.	Charcoal	12/box	#24
542847	98047	2800	23 lbs.	Black	12/box	#24
542848	98048	2800	23 lbs.	Tuscan Orange	12/box	#24

Sunbrella® is a registered trademark of Glen Raven, Inc.





TWIST CORD-EDGE – SUNBRELLA®

Twisted bead is constructed from Sunbrella yarns. Color-matched sewing tab. Can be used as a welting on marine and patio cushions or as a decorative umbrella trimming. Colors and blends are specifically selected to complement our Fusion Collection as well as the Sunbrella Upholstery Collection.

3 yard minimum for cut yardage.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
504700	07313-4603	Crimson	25 yd.	3/8 in.
504701	07313-4604	Salt	25 yd.	3/8 in.
504702	07313-4608	Onyx	25 yd.	3/8 in.
504703	07313-4621	Chocolate	25 yd.	3/8 in.
504704	07313-4626	Navy	25 yd.	3/8 in.
504705	07313-4630	Dove	25 yd.	3/8 in.
504706	07313-4633	Almond	25 yd.	3/8 in.
504707	07313-4635	Buttercup	25 yd.	3/8 in.
504708	07313-4644	Graphite	25 yd.	3/8 in.
504709	07313-4648	Stone	25 yd.	3/8 in.
504710	07313-4649	Plum	25 yd.	3/8 in.
504711	07313-4672	Wren	25 yd.	3/8 in.
504712	07313-4673	Spa	25 yd.	3/8 in.
504713	07313-4674	Wheat	25 yd.	3/8 in.
504714	07313-4675	Capri	25 yd.	3/8 in.
504715	07313-4676	Cocoa	25 yd.	3/8 in.
504716	07313-4677	Tuscan	25 yd.	3/8 in.
504717	07313-4685	Ginkgo	25 yd.	3/8 in.
504718	07313-4686	Nutmeg	25 yd.	3/8 in.
504719	07313-5415	Melon	25 yd.	3/8 in.
504720	07313-5416	Aruba	25 yd.	3/8 in.
504721	07313-5418	Deep Sea	25 yd.	3/8 in.
504722	07313-5420	Sky	25 yd.	3/8 in.
504723	07313-5421	Palm	25 yd.	3/8 in.
504724	07313-5441	Gold	25 yd.	3/8 in.
504725	07313-5462	Hot Pink	25 yd.	3/8 in.
504726	07313-5488	Teak	25 yd.	3/8 in.
504727	07313-5498	Vellum	25 yd.	3/8 in.
504728	07532-CE	Nautical	25 yd.	3/8 in.
504729	08337	Barley	25 yd.	3/8 in.
504730	08345	Putty	25 yd.	3/8 in.
504731	08346	Smoke	25 yd.	3/8 in.
504732	08347-CE	Dune	25 yd.	3/8 in.
504733	08348-CE	Flame	25 yd.	3/8 in.
504734	08349	Linden	25 yd.	3/8 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

BRUSH FRINGE – SUNBRELLA®

Brush fringe is constructed from Sunbrella yarns. Can be used for marine and patio throw pillows, or as a decorative umbrella trimming. Colors and blends are specifically selected to complement our Fusion Collection as well as the Sunbrella Upholstery Collection.

3 yard minimum for cut yardage.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503657	06917	Linen/Linen Boucle	25 yd.	2 in.
503768	07104	Black/Charcoal/Toast	25 yd.	3 in.
503855	06865	Natural	25 yd.	2 in.
503856	06867	Jockey Red	25 yd.	2 in.
503874	07300	Cocoa	25 yd.	2 in.
504500	07300-4604	Salt	25 yd.	2 in.
504501	07300-4608	Onyx	25 yd.	2 in.
504502	07300-4635	Buttercup	25 yd.	2 in.
504503	07300-5462	Hot Pink	25 yd.	2 in.
504504	07697-2	Classic	25 yd.	2 in.
504505	08290-2	Papaya	25 yd.	2 in.
504506	08293-2	Rain Forest	25 yd.	2 in.
504507	08337-2	Barley	25 yd.	2 in.
504508	08345-2	Putty	25 yd.	2 in.
504509	08346-2	Smoke	25 yd.	2 in.
504510	08347-2	Dune	25 yd.	2 in.
504511	08348-2	Flame	25 yd.	2 in.
504512	08350-2	Redwood	25 yd.	2 in.
504513	08351-2	Indigo	25 yd.	2 in.
504514	08352-2	Opal	25 yd.	2 in.
504515	08354-2	Clay	25 yd.	2 in.
504516	08359-2	Dusk	25 yd.	2 in.
504517	08362-2	Meadow	25 yd.	2 in.

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BRAID – SUNBRELLA® – 13/16 IN. – NO. 4015 EUROPEAN STYLE

A 13/16 inch, 100% Sunbrella® Acrylic braid. This braid has exceptional color retention.

BULLION FRINGE – BLENDED POLYESTER

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503713	1038	Medium White	36 yd.	2-1/2 in.
503720	1035	Medium White	36 yd.	4 in.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503009	4015	Blended Gold	100 yd.	13/16 in.
503016	4015	Natural	100 yd.	13/16 in.
503019	4015	True Brown	100 yd.	13/16 in.
503020	4015	Beige	100 yd.	13/16 in.
503021	4015	Gray	100 yd.	13/16 in.
503022	4015	Pacific Blue	100 yd.	13/16 in.
503023	4015	Green	100 yd.	13/16 in.
503024	4015	Persian Green	100 yd.	13/16 in.
503025	4015	Burgundy	100 yd.	13/16 in.
503026	4015	Vanilla	100 yd.	13/16 in.
503027	4015	Forest Green	100 yd.	13/16 in.
503028	4015	Terracotta	100 yd.	13/16 in.
503029	4015	Navy Blue	100 yd.	13/16 in.
503030	4015	Red	100 yd.	13/16 in.
503032	4015	Aquamarine	100 yd.	13/16 in.
503033	4015	Sapphire	100 yd.	13/16 in.
503034	4015	Plum	100 yd.	13/16 in.
503035	4015	Sky Blue	100 yd.	13/16 in.
503036	4015	Buttercup	100 yd.	13/16 in.
503037	4015	Black	100 yd.	13/16 in.
503038	4015	Alpine Green	100 yd.	13/16 in.
503039	4015	Logo Red	100 yd.	13/16 in.
503040	4015	Captain Navy	100 yd.	13/16 in.
503041	4015	Linen	100 yd.	13/16 in.
503042	4015	Yellow	100 yd.	13/16 in.
503045	4015	Ivory	100 yd.	13/16 in.
503046	4015	Blended Brown	100 yd.	13/16 in.
503090	4015	Brass	100 yd.	13/16 in.
503091	4015	Toast	100 yd.	13/16 in.
503092	4015	Taupe	100 yd.	13/16 in.
503093	4015	Turquoise	100 yd.	13/16 in.
503094	4015	Mediterranean Blue	100 yd.	13/16 in.
503096	4015	Concord	100 yd.	13/16 in.
503097	4015	Charcoal Grey	100 yd.	13/16 in.

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BRAID – SUNBRELLA® – 13/16 IN. – NO. 681

A 13/16 inch 100% Sunbrella® Acrylic braid and is manufactured using four ends of Sunbrella yarn in one strand. This braid has exceptional color retention.

ITEM #	STYLE #	COLOR	COLOR NUMBER	PUT UP	WIDTH
502941	681	Black Cherry	ABA40	100 yd.	13/16 in.
502942	681	Charcoal	ABA44	100 yd.	13/16 in.
502943	681	Sea Grass	ABA45	100 yd.	13/16 in.
502944	681	Taupe	ABA48	100 yd.	13/16 in.
502946	681	Brass	ABA58	100 yd.	13/16 in.
502947	681	Sea Spray	ABA11	100 yd.	13/16 in.
502948	681	Blended Brown	ABA13	100 yd.	13/16 in.
502949	681	Tan	ABA14	100 yd.	13/16 in.
502950	681	Walnut Brown Tweed	ABA18	100 yd.	13/16 in.
502951	681	Toast	ABA28	100 yd.	13/16 in.
502952	681	Mauve	ABA39	100 yd.	13/16 in.
502953	681	Concord	ABA65	100 yd.	13/16 in.
502954	681	Mahogany	ABA67	100 yd.	13/16 in.
502955	681	Aspen	ABA68	100 yd.	13/16 in.
502956	681	Spa	ABA73	100 yd.	13/16 in.
502957	681	Wheat	ABA74	100 yd.	13/16 in.
502958	681	Capri	ABA75	100 yd.	13/16 in.
502959	681	Cocoa	ABA76	100 yd.	13/16 in.
502960	681	Tuscan	ABA77	100 yd.	13/16 in.
502961	681	Marine Blue	ABA78	100 yd.	13/16 in.
502962	681	Ocean Blue	ABA79	100 yd.	13/16 in.
502963	681	Mediterranean Blue Tweed	ABA53	100 yd.	13/16 in.
502964	681	Royal Blue	ABA17	100 yd.	13/16 in.
502965	681	Persian Tweed	ABA47	100 yd.	13/16 in.
502966	681	Hemlock Tweed	ABA05	100 yd.	13/16 in.
502967	681	Linen Tweed	ABA54	100 yd.	13/16 in.
502968	681	Mocha	ABA16	100 yd.	13/16 in.
502969	681	Dubonnet Tweed	ABA06	100 yd.	13/16 in.
502970	681	Charcoal Tweed	ABA07	100 yd.	13/16 in.
502971	681	Silver	ABA51	100 yd.	13/16 in.
502972	681	Oyster	ABA42	100 yd.	13/16 in.
502973	681	Nutmeg	ABA4686	100 yd.	13/16 in.
502974	681	Rust	ABA4689	100 yd.	13/16 in.
502976	681	Aruba	ABA5416	100 yd.	13/16 in.
502979	681	Palm	ABA5421	100 yd.	13/16 in.
502980	681	Ginkgo	ABA4685	100 yd.	13/16 in.
502981	681	Slate	ABA4684	100 yd.	13/16 in.
502982	681	Ivy	ABA4632	100 yd.	13/16 in.
503043	681	Natural	ABA04	100 yd.	13/16 in.
503044	681	Black	ABA08	100 yd.	13/16 in.
503047	681	Salmon	ABA27	100 yd.	13/16 in.
503048	681	Erin Green	ABA00	100 yd.	13/16 in.
503049	681	Pacific Blue	ABA01	100 yd.	13/16 in.
503050	681	Sunflower Yellow	ABA02	100 yd.	13/16 in.
503051	681	Jockey Red	ABA03	100 yd.	13/16 in.
503052	681	Beige	ABA20	100 yd.	13/16 in.
503053	681	True Brown	ABA21	100 yd.	13/16 in.
503054	681	Terracotta	ABA22	100 yd.	13/16 in.
503055	681	Aquamarine	ABA23	100 yd.	13/16 in.
503056	681	Sky Blue	ABA24	100 yd.	13/16 in.
503057	681	Navy Blue	ABA26	100 yd.	13/16 in.
503058	681	Vanilla	ABA29	100 yd.	13/16 in.
503059	681	Cadet Grey	ABA30	100 yd.	13/16 in.
503060	681	Burgundy	ABA31	100 yd.	13/16 in.
503073	681	Linen	ABA33	100 yd.	13/16 in.
503074	681	Buttercup	ABA35	100 yd.	13/16 in.
503075	681	Forest Green	ABA37	100 yd.	13/16 in.
503076	681	Coral	ABA38	100 yd.	13/16 in.
503077	681	Sapphire	ABA41	100 yd.	13/16 in.
503078	681	Persian Green	ABA43	100 yd.	13/16 in.
503079	681	Captain Navy	ABA46	100 yd.	13/16 in.

ITEM #	STYLE #	COLOR	COLOR NUMBER	PUT UP	WIDTH
503080	681	Plum	ABA49	100 yd.	13/16 in.
503081	681	Mediterranean Blue	ABA52	100 yd.	13/16 in.
503082	681	Alpine	ABA55	100 yd.	13/16 in.
503083	681	Logo Red	ABA66	100 yd.	13/16 in.
503084	681	Ivory	ABA9506	100 yd.	13/16 in.
503085	681	Fern	ABA71	100 yd.	13/16 in.
503086	681	Heather Beige	ABA72	100 yd.	13/16 in.
503087	681	Orange	ABA09	100 yd.	13/16 in.
503088	681	Parchment	ABA83	100 yd.	13/16 in.
503089	681	Granite	ABA82	100 yd.	13/16 in.

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BRAID – SUNBRELLA® – 5/8 IN. – NO. 6118

5/8 inch wide braid made from 100% Sunbrella® Acrylic.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503127	6118	Brass	1 gr. yd.	5/8 in.
503128	6118	Mediterranean Blue	1 gr. yd.	5/8 in.
503129	6118	Blue	1 gr. yd.	5/8 in.
503130	6118	Linen	1 gr. yd.	5/8 in.
503131	6118	Aquamarine	1 gr. yd.	5/8 in.
503132	6118	Brown	1 gr. yd.	5/8 in.
503133	6118	Concord	1 gr. yd.	5/8 in.
503134	6118	Grey	1 gr. yd.	5/8 in.
503136	6118	Yellow	1 gr. yd.	5/8 in.
503137	6118	Green	1 gr. yd.	5/8 in.
503138	6118	Forest Green	1 gr. yd.	5/8 in.
503141	6118	Red	1 gr. yd.	5/8 in.
503142	6118	Navy	1 gr. yd.	5/8 in.
503143	6118	Persian Green	1 gr. yd.	5/8 in.
503144	6118	Plum	1 gr. yd.	5/8 in.
503145	6118	Sapphire Blue	1 gr. yd.	5/8 in.
503146	6118	Sky Blue	1 gr. yd.	5/8 in.
503147	6118	Terracotta	1 gr. yd.	5/8 in.
503148	6118	Toast	1 gr. yd.	5/8 in.
503149	6118	Vanilla	1 gr. yd.	5/8 in.
503150	6118	Ivory	1 gr. yd.	5/8 in.
503152	6118	Turquoise	1 gr. yd.	5/8 in.
503153	6118	Natural	1 gr. yd.	5/8 in.
503154	6118	Buttercup	1 gr. yd.	5/8 in.
503155	6118	Alpine	1 gr. yd.	5/8 in.
503156	6118	Logo Red	1 gr. yd.	5/8 in.
503157	6118	Taupe	1 gr. yd.	5/8 in.
503158	6118	Captain Navy	1 gr. yd.	5/8 in.
503159	6118	Charcoal Grey	1 gr. yd.	5/8 in.
503221	6118	Black	1 gr. yd.	5/8 in.
503223	6118	Beige	1 gr. yd.	5/8 in.
503225	6118	Blended Brown	1 gr. yd.	5/8 in.
503228	6118	Burgundy	1 gr. yd.	5/8 in.

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TASSELS – POLYESTER

Polyester tassels are handmade and can be used indoors and out. They are mildew-proof and resist dust and dirt. Sizes shown are overall sizes of tassel, not including loop.

ITEM #	STYLE #	COLOR	SIZE
503444	1036	White	4 in.
503445	1036	Black	4 in.



TASSELS – SYNTHETIC WOOD

ITEM #	SIZE
503469	4 in.



BRAID – POLYESTER

Ideal for use with all awning fabrics. Also used to bind boat tops. Resists deteriorating effects of sunlight and weather. Excellent sewability. Recommend sewing with polyester thread.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503302	5314	White	2 gr. yd.	5/8 in.
503303	61-20	Ecru	1 gr. yd.	5/8 in.
503306	61-20	Black	1 gr. yd.	5/8 in.
503307	61-20	Brown	1 gr. yd.	5/8 in.
503311	61-20	Blue	1 gr. yd.	5/8 in.



BINDING – NO. 281 NYLON

A quality nylon tape for binding nylons and most other fabrics. Makes a neat, attractive finish.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502007	281/N0088	White	100 yd.	3/4 in.
502008	281/30119	Black	100 yd.	3/4 in.
502009	281/N0088	Navy	100 yd.	3/4 in.
502019	281/N0088	White	100 yd.	1 in.
502021	281/30119	Black	100 yd.	1 in.
502024	281/N0088	Black	100 yd.	3/4 in.
502025	281/N0088	Black	100 yd.	1 in.

BINDING – SUNBRELLA® MARINE – CENTERFOLD – TYPE 1810

ITEM #	STYLE #	COLOR	COLOR NUMBER	PUT UP	WIDTH
504456	1810	Cadet Grey	30	200 yd.	7/8 in.
504460	1810	Black	08	200 yd.	7/8 in.

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BINDING – SUNBRELLA® MARINE – CENTERFOLD

100% Sunbrella Acrylic. Natural fold in center. Will not fade or weaken from normal exposure conditions, including sunlight, mildew, rot and atmospheric chemicals. Binding will not “neckdown” under tension. Blind side behaves same as front.

ITEM #	STYLE #	COLOR	COLOR NUMBER	PUT UP	WIDTH
503911	70-1968	Pacific Blue	01	200 yd.	7/8 in.
503912	70-1968	Cadet Grey	30	200 yd.	7/8 in.
503913	70-1968	Navy	26	200 yd.	7/8 in.
503914	70-1968	Natural	04	200 yd.	7/8 in.
503915	70-1968	Black	08	200 yd.	7/8 in.
503916	70-1968	Burgundy	31	200 yd.	7/8 in.
503917	70-1968	Turquoise	10	200 yd.	7/8 in.
503919	70-1968	Forest Green	37	200 yd.	7/8 in.
503920	70-1968	Beige	20	200 yd.	7/8 in.
504344	70-1968	Mediterranean Blue	6652	200 yd.	7/8 in.
504439	70-1968	Linen	33	200 yd.	7/8 in.
504440	70-1968	Red	6603	200 yd.	7/8 in.
504442	70-1968	Concord	6665	200 yd.	7/8 in.
504443	70-1968	True Brown	21	200 yd.	7/8 in.
504446	70-1968	Oyster	6642	200 yd.	7/8 in.
504447	70-1968	Captain Navy	6646	200 yd.	7/8 in.
504449	70-1968	Taupe	48	200 yd.	7/8 in.

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BINDING – SUNBRELLA® MARINE – DOUBLE-FOLD BIAS CUT

Sunbrella Acrylic marine binding in matching colors. Provides excellent color retention and weatherability. A double folded edge gives a finished and attractive look. Double folded and glued back 1/4 inch on each side.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
503921	4601	Pacific Blue	100 yd.	3/4 in.
503922	4626	Navy	100 yd.	3/4 in.
503923	4617	Royal Blue Tweed	100 yd.	3/4 in.
503924	4604	Natural	100 yd.	3/4 in.
503925	4603	Red	100 yd.	3/4 in.
503927	4621	True Brown	100 yd.	3/4 in.
503928	4608	Black	100 yd.	3/4 in.
503929	4631	Burgundy	100 yd.	3/4 in.
503932	4620	Beige	100 yd.	3/4 in.
503933	4641	Sapphire Blue	100 yd.	3/4 in.
503934	4606	Dubonnet Tweed	100 yd.	3/4 in.
503940	4643	Persian Green	100 yd.	3/4 in.
503941	4653	Mediterranean Blue Tweed	100 yd.	3/4 in.
503942	4642	Oyster	100 yd.	3/4 in.
503945	4637	Forest Green	100 yd.	3/4 in.
503946	4646	Captain Navy	100 yd.	3/4 in.
503950	4630	Cadet Grey	100 yd.	3/4 in.
503952	4628	Toast	100 yd.	3/4 in.
503954	4654	Linen Tweed	100 yd.	3/4 in.
503956	2389	Toast Tweed	100 yd.	3/4 in.
503957	4605	Hemlock Tweed	100 yd.	3/4 in.
503958	4633	Linen	100 yd.	3/4 in.
503959	4648	Taupe	100 yd.	3/4 in.
503962	4651	Silver	100 yd.	3/4 in.
503963	4658	Brass	100 yd.	3/4 in.
503964	4671	Fern	100 yd.	3/4 in.
503965	4672	Heather Beige	100 yd.	3/4 in.
503966	4673	Spa	100 yd.	3/4 in.
503967	4674	Wheat	100 yd.	3/4 in.
503968	4675	Capri	100 yd.	3/4 in.
503969	4676	Cocoa	100 yd.	3/4 in.
503970	4678	Marine Blue	100 yd.	3/4 in.
503971	4679	Ocean Blue	100 yd.	3/4 in.
503975	4859	Silica Dune	100 yd.	3/4 in.
503976	4861	Silica Stone	100 yd.	3/4 in.
504200	4679	Ocean Blue	100 yd.	1 in.
504201	4601	Pacific Blue	100 yd.	1 in.
504203	4603	Red	100 yd.	1 in.
504204	4604	Natural	100 yd.	1 in.
504205	4641	Sapphire Blue	100 yd.	1 in.
504207	4605	Hemlock Tweed	100 yd.	1 in.
504208	4608	Black	100 yd.	1 in.
504209	4642	Oyster	100 yd.	1 in.
504211	4646	Captain Navy	100 yd.	1 in.
504213	4652	Mediterranean Blue	100 yd.	1 in.
504216	4602	Sunflower Yellow	100 yd.	1 in.
504217	4617	Royal Blue Tweed	100 yd.	1 in.
504218	4666	Logo Red	100 yd.	1 in.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
504225	4628	Toast	100 yd.	1 in.
504226	4626	Navy	100 yd.	1 in.
504227	4648	Taupe	100 yd.	1 in.
504229	4606	Dubonnet Tweed	100 yd.	1 in.
504230	4630	Cadet Grey	100 yd.	1 in.
504231	4631	Burgundy	100 yd.	1 in.
504232	4651	Silver	100 yd.	1 in.
504233	4633	Linen	100 yd.	1 in.
504234	4621	True Brown	100 yd.	1 in.
504235	4644	Charcoal Grey	100 yd.	1 in.
504236	4607	Charcoal Tweed	100 yd.	1 in.
504237	4637	Forest Green	100 yd.	1 in.
504239	4620	Beige	100 yd.	1 in.
504243	4643	Persian Green	100 yd.	1 in.
504254	4654	Linen Tweed	100 yd.	1 in.
504258	4658	Brass	100 yd.	1 in.
504272	4672	Heather Beige	100 yd.	1 in.
504289	4673	Spa	100 yd.	1 in.
504314	4653	Mediterranean Blue Tweed	100 yd.	1 in.
504315	4671	Fern	100 yd.	1 in.
504316	4674	Wheat	100 yd.	1 in.
504317	4676	Cocoa	100 yd.	1 in.
504318	4678	Marine Blue	100 yd.	1 in.
504319	2389	Toast Tweed	100 yd.	1 in.
504320	4652	Mediterranean Blue	100 yd.	1-1/4 in.
504325	4689	Toast Tweed	100 yd.	1-1/4 in.
504326	4626	Navy	100 yd.	1-1/4 in.
504327	4654	Linen Tweed	100 yd.	1-1/4 in.
504328	4637	Forest Green	100 yd.	1-1/4 in.
504330	4608	Black	100 yd.	1-1/4 in.
504331	4604	Natural	100 yd.	1-1/4 in.
504334	4630	Cadet Grey	100 yd.	1-1/4 in.
504346	4601	Pacific Blue	100 yd.	1-1/4 in.
504347	4617	Royal Blue	100 yd.	1-1/4 in.
504348	4633	Linen	100 yd.	1-1/4 in.
504349	4642	Oyster	100 yd.	1-1/4 in.
504350	4643	Persian Green	100 yd.	1-1/4 in.
504351	4646	Captain Navy	100 yd.	1-1/4 in.

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BINDING – SUNBRELLA® MARINE – DOUBLE-FOLD STRAIGHT CUT

Sunbrella Acrylic marine binding in matching colors. Provides excellent color retention and weatherability. A double folded edge gives a finished and attractive look. Double folded and glued back 1/4 inch on each side.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502032	4605	Hemlock Tweed	100 yd.	1 in.
502033	4606	Dubonnet Tweed	100 yd.	1 in.
502034	4608	Black	100 yd.	1 in.
502036	4623	Aquamarine	100 yd.	1 in.
502040	4631	Burgundy	100 yd.	1 in.
502043	4643	Persian Green	100 yd.	1 in.
502044	4646	Captain Navy	100 yd.	1 in.
502045	4652	Mediterranean Blue	100 yd.	1 in.
502046	4653	Mediterranean Blue Tweed	100 yd.	1 in.
503999	4686	Nutmeg	100 yd.	3/4 in.
504014	4614	Tan	100 yd.	3/4 in.
504015	4635	Buttercup	100 yd.	3/4 in.
504016	4616	Mocha Tweed	100 yd.	3/4 in.
504020	4620	Beige	100 yd.	3/4 in.
504021	4601	Pacific Blue	100 yd.	3/4 in.
504022	4641	Sapphire	100 yd.	3/4 in.
504023	4603	Red	100 yd.	3/4 in.
504024	4604	Natural	100 yd.	3/4 in.
504025	4605	Hemlock Tweed	100 yd.	3/4 in.
504026	4606	Dubonnet Tweed	100 yd.	3/4 in.
504027	4607	Charcoal Tweed	100 yd.	3/4 in.
504028	4608	Black	100 yd.	3/4 in.
504029	4643	Persian Green	100 yd.	3/4 in.
504030	4610	Turquoise	100 yd.	3/4 in.
504031	4651	Silver	100 yd.	3/4 in.
504032	4650	Teal Tweed	100 yd.	3/4 in.
504033	4633	Linen	100 yd.	3/4 in.
504034	2079	Royal Navy	100 yd.	3/4 in.
504035	4666	Logo Red	100 yd.	3/4 in.
504036	4642	Oyster	100 yd.	3/4 in.
504037	4617	Royal	100 yd.	3/4 in.
504041	4621	True Brown	100 yd.	3/4 in.
504042	4648	Taupe	100 yd.	3/4 in.
504043	4623	Aquamarine	100 yd.	3/4 in.
504046	4626	Navy	100 yd.	3/4 in.
504047	4646	Captain Navy	100 yd.	3/4 in.
504048	4628	Toast	100 yd.	3/4 in.
504049	4644	Charcoal	100 yd.	3/4 in.
504050	4630	Cadet Grey	100 yd.	3/4 in.
504051	4631	Burgundy	100 yd.	3/4 in.
504052	4652	Mediterranean Blue	100 yd.	3/4 in.
504053	4653	Mediterranean Blue Tweed	100 yd.	3/4 in.
504054	4654	Linen Tweed	100 yd.	3/4 in.
504055	4624	Sky Blue	100 yd.	3/4 in.
504057	4637	Forest Green	100 yd.	3/4 in.
504059	2389	Toast Tweed	100 yd.	3/4 in.
504060	4602	Sunflower Yellow	100 yd.	3/4 in.
504065	4665	Concord	100 yd.	3/4 in.
504071	4672	Heather Beige	100 yd.	3/4 in.
504077	4668	Aspen	100 yd.	3/4 in.
504078	4678	Marine Blue	100 yd.	3/4 in.
504079	4679	Ocean Blue	100 yd.	3/4 in.
504080	4632	Ivy	100 yd.	3/4 in.
504088	4608	Black	300 yd.	7/8 in.
504090	4642	Oyster	300 yd.	7/8 in.
504119	4608	Black	200 yd.	3/4 in.
504300	4617	Royal Blue	100 yd.	1 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.



BINDING – AQUALON®

Double-folded straight cut. Colors match Aqualon marine top and cover fabric.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502600	00	Black	100 yd.	3/4 in.
502603	03	Forest Green	100 yd.	3/4 in.
502604	04	Teal	100 yd.	3/4 in.
502607	07	Red	100 yd.	3/4 in.
502608	08	Ivory	100 yd.	3/4 in.
502609	09	Burgundy	100 yd.	3/4 in.
502612	12	Blue	100 yd.	3/4 in.
502617	17	White	100 yd.	3/4 in.
502618	18	Charcoal	100 yd.	3/4 in.
502621	21	Mountain Rock	100 yd.	3/4 in.
502623	68	Beige	100 yd.	3/4 in.
502625	71	Mist Gray	100 yd.	3/4 in.
502628	28	Navy	100 yd.	3/4 in.
502648	69	Mediterranean Blue	100 yd.	3/4 in.
502649	49	Tan	100 yd.	3/4 in.
502652	44	Blueberry	100 yd.	3/4 in.

Aqualon® is a registered trademark of Glen Raven, Inc.



BINDING – RIVIERA MARINE FABRIC™

Binding is an exact match to Herculite® Riviera Marine Fabric, which creates a uniform marine fabrication. Made from a 100% PVC composite supported by high strength woven polyester, this high-quality fabric features the Rain Kleen® II finish, making it well suited for a variety of marine environments. This bias cut binding assures pucker free seams around curves and radius.

ITEM #	DESCRIPTION	COLOR	PUT UP	WIDTH
502350	Double-Fold	Snow White	50 yd.	3/4 in.
502351	Double-Fold	White	50 yd.	3/4 in.
502352	Double-Fold	Ivory	50 yd.	3/4 in.
502355	Double-Fold	Snow White	50 yd.	1 in.
502356	Double-Fold	White	50 yd.	1 in.
502360	Single-Fold	Snow White	50 yd.	1-1/4 in.
502361	Single-Fold	White	50 yd.	1-1/4 in.

Herculite® and Rain-Kleen® are registered trademarks of Herculite Products Inc. Herculite Riviera Marine Fabric™ is a trademark of Herculite Products Inc.



BINDING – REGATTA®

This vinyl laminated, polyester bias cut binding is made from waterproof and mildew-resistant Regatta Marine Fabric.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
502230	17	Double-Fold	White	50 yd.	3/4 in.
502239	39	Double-Fold	Ivory	50 yd.	3/4 in.
502245	45	Double-Fold	Black	50 yd.	3/4 in.
502247	17	Double-Fold	White	50 yd.	1 in.
502259	39	Double-Fold	Ivory	50 yd.	1 in.
502265	45	Double-Fold	Black	50 yd.	1 in.
502267	17	Single-Fold	White	50 yd.	1-1/4 in.

Regatta® is a registered trademark of Herculite Products Inc.



BINDING – STAMOID®

Made from light weight, strong and flexible Stamoid. Bias cut.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502860	2ET	White	100 yd.	3/4 in.
502861	2ET	Cream	100 yd.	3/4 in.
502862	2ET	Ivory	100 yd.	3/4 in.
502863	2ET	Sand	100 yd.	3/4 in.
502864	2ET	Pearl Gray	100 yd.	3/4 in.
502865	2ET	Silver	100 yd.	3/4 in.
502868	2ET	Royal Blue	100 yd.	3/4 in.
502871	2ET	Black	100 yd.	3/4 in.
502872	2ET	Navy	100 yd.	3/4 in.
502873	2ET	Snow White	100 yd.	3/4 in.
502890	2ET	White	100 yd.	1 in.
502891	2ET	Snow White	100 yd.	1 in.
502892	2ET	Ivory	100 yd.	1 in.
502893	2ET	Black	100 yd.	1 in.
502894	2ET	Navy	100 yd.	1 in.
502895	2ET	Cream	100 yd.	1 in.
502910	1ET	White	100 yd.	1-1/4 in.
502911	1ET	Cream	100 yd.	1-1/4 in.
502912	1ET	Ivory	100 yd.	1-1/4 in.
502914	1ET	Snow White	100 yd.	1-1/4 in.
502921	1ET	Black	100 yd.	1-1/4 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.

BINDING – VINYL – IMPERIAL

A washable, embossed coated vinyl on a drill backing. Bias cut. The vinyl and drill contain mildew inhibitors for added life. Style 560 is raw edge (RE).

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
504492	551	White	100 yd.	1-1/4 in.
504495	9753	White	100 yd.	1-1/4 in.
504632	551	White	100 yd.	3/4 in.
504633	552	Black	100 yd.	3/4 in.
504809	568	Slate Gray	100 yd.	3/4 in.
504822	568	Slate Gray	100 yd.	1-1/4 in.
504823	549	Bone White	100 yd.	1-1/4 in.
504825	552	Black	100 yd.	1-1/4 in.
504826	562	Buckskin	100 yd.	1-1/4 in.
515581	576	Burgundy	100 yd.	1-1/4 in.
515590	949	Black	100 yd.	1-1/4 in.
515591	948	White	100 yd.	1-1/4 in.
515592	950	Oyster	100 yd.	1-1/4 in.
515593	553	Blue	100 yd.	1-1/4 in.
515595	949	Black	100 yd.	3/4 in.
515596	949	White	100 yd.	3/4 in.
515597	950	Oyster	100 yd.	3/4 in.
515606	560 RE	Beige	100 yd.	1-1/4 in.

BINDING – VINYL – 300 SERIES

An extremely durable, seamed bias binding. Washable embossed vinyl on strong, high quality 14 to 15 ounce backing. Bias cut. Resists dirt, ultraviolet rays, and fraying.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
504830	354	Jade	100 yd.	3/4 in.
504831	325	Navy	100 yd.	3/4 in.
515576	312	Light Gray	100 yd.	1-1/4 in.
515577	312	Light Gray	100 yd.	3/4 in.
515578	302	Royal	100 yd.	3/4 in.
515580	308	Black	100 yd.	3/4 in.
515582	309	White	100 yd.	3/4 in.
515583	310	Oyster	100 yd.	3/4 in.
515584	308	Black	100 yd.	1-1/4 in.
515585	302	Royal	100 yd.	1-1/4 in.
515586	309	White	100 yd.	1-1/4 in.
515587	310	Oyster	100 yd.	1-1/4 in.
515601	309	White	100 yd.	1 in.



BINDING – SUR LAST®

Sur Last double-fold bias cut binding is made from lightweight, yet strong and flexible Sur Last 100%, solution-dyed polyester fabric. Used to create smooth color matches or contrasting edges, Sur Last binding provides a finished and attractive appearance.

ITEM #	COLOR	PUT UP	WIDTH
503982	Black	100 yd.	3/4 in.
503984	Light Grey	100 yd.	3/4 in.
503985	Forest	100 yd.	3/4 in.
503987	Sail Blue	100 yd.	3/4 in.

Sur Last® is a registered trademark of Glen Raven, Inc.

FACING – SUNBRELLA®

Cut from genuine Sunbrella. Wider than traditional folded binding. Can be used as a zipper facing or cover and hem application.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502289	4628	Toast	60 yd.	1-1/2 in.
502290	4633	Linen	60 yd.	1-1/2 in.
502301	4601	Pacific Blue	60 yd.	1-1/2 in.
502304	4604	Natural	60 yd.	1-1/2 in.
502308	4608	Black	60 yd.	1-1/2 in.
502326	4626	Navy	60 yd.	1-1/2 in.
502330	4630	Cadet Grey	60 yd.	1-1/2 in.
502337	4637	Forest Green	60 yd.	1-1/2 in.
502346	4646	Captain Navy	60 yd.	1-1/2 in.
502401	4601	Pacific Blue	60 yd.	2 in.
502404	4604	Natural	60 yd.	2 in.
502408	4608	Black	60 yd.	2 in.
502411	4605	Hemlock Tweed	60 yd.	2 in.
502412	4606	Dubonnet Tweed	60 yd.	2 in.
502413	4628	Toast	60 yd.	2 in.
502414	4633	Linen	60 yd.	2 in.
502415	4652	Mediterranean Blue	60 yd.	2 in.
502416	4654	Linen Tweed	60 yd.	2 in.
502426	4626	Navy	60 yd.	2 in.
502430	4630	Cadet Grey	60 yd.	2 in.
502431	4631	Burgundy	60 yd.	2 in.
502437	4637	Forest Green	60 yd.	2 in.
502443	4643	Persian Green	60 yd.	2 in.
502446	4646	Captain Navy	60 yd.	2 in.
502449	4608	Black	60 yd.	2-1/2 in.

Sunbrella® is registered trademark of Glen Raven, Inc.



FACING – REGATTA®

Vinyl facing made from Regatta marine vinyl fabric.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
502201	39	Ivory	50 yd.	1-1/2 in.
502202	17	White	50 yd.	1-1/2 in.
502210	17	White	50 yd.	2 in.
502211	39	Ivory	50 yd.	2 in.

Regatta® is a registered trademark of Herculite Products Inc.



FACING – STAMOID®

Vinyl facing made from Stamoid marine vinyl fabric.

ITEM #	COLOR	PUT UP	WIDTH
502843	Navy	50 yd.	1-1/2 in.
502846	Ivory	50 yd.	1-1/2 in.
502847	Snow White	50 yd.	1-1/2 in.
502848	White	50 yd.	1-1/2 in.
502849	Cream	50 yd.	1-1/2 in.
502850	Black	50 yd.	1-1/2 in.
502851	Snow White	50 yd.	2 in.
502852	Ivory	50 yd.	2 in.
502854	White	50 yd.	2 in.
502855	Cream	50 yd.	2 in.
502856	Black	50 yd.	2 in.

Stamoid® is a registered trademark of The Serge Ferrari Group.



WELTING – WELT CORD

Foam welt cord is used in all upholstery applications. Simply sew vinyl, leather, or fabric around the welt cord leaving a flange to be sewn into the seams of the upholstery. Excellent for use in automotive, furniture, and marine applications.

Made of polyethylene foam, this quality and durable welt cord is used for cushion and seating upholstery. Popular in the fine furniture industry and durable enough for use in the marine and automotive industries. Also available in regular (no fill) and with polyester filler, and flame retardant with copper wire which conforms to UFAC specifications, on special order.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
505406	771		White	50 yd.	5/32 in.
505407	773		Off White	50 yd.	5/32 in.
505408	788		Black	50 yd.	5/32 in.
515505		Braided Paper		350 yd.	10/32 in.
515526		Foam		1000 yd.	4/32 in.
515530		Foam		1000 yd.	5/32 in.
515538		Braided Paper		500 yd.	8/32 in.
515547		Foam (No Filler)	White	1250 yd., 6/box	4/32 in.

HYDEM GIMP – SEAQUEST

Hydem gimp is used to hide staples in upholstery applications. Colors correspond with the Nassimi Breeze Seaquest Vinyl Upholstery collection.

ITEM #	COLOR	PUT UP	WIDTH
515831	American Beauty	25 yd.	5/8 in.
515832	Anchor	25 yd.	5/8 in.
515833	Buff	25 yd.	5/8 in.
515834	Chalk	25 yd.	5/8 in.
515835	Cove	25 yd.	5/8 in.
515836	Dune	25 yd.	5/8 in.
515837	Ebony	25 yd.	5/8 in.
515838	Emerald	25 yd.	5/8 in.
515839	Forest	25 yd.	5/8 in.
515840	Hampton	25 yd.	5/8 in.
515841	Havasu	25 yd.	5/8 in.
515842	Lemon Peel	25 yd.	5/8 in.
515843	Lighthouse Red	25 yd.	5/8 in.
515844	Lotion	25 yd.	5/8 in.
515845	Marble	25 yd.	5/8 in.
515846	Midnight	25 yd.	5/8 in.
515847	Mist	25 yd.	5/8 in.
515848	Navel	25 yd.	5/8 in.
515849	Navy	25 yd.	5/8 in.
515850	Oyster	25 yd.	5/8 in.
515851	Pearl Oyster	25 yd.	5/8 in.
515852	Pelican	25 yd.	5/8 in.
515853	Royal	25 yd.	5/8 in.
515854	Ruby	25 yd.	5/8 in.
515855	Sea White	25 yd.	5/8 in.
515856	Smoke	25 yd.	5/8 in.
515857	Teal	25 yd.	5/8 in.
515859	Too White	25 yd.	5/8 in.
515860	White Ice	25 yd.	5/8 in.



**HYDEM GIMP – NAUTOLEX®
CAPITANO™**

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
515820	448001	Conch Shell	25 yd.	3/4 in.
515822	448000	Cloud	25 yd.	3/4 in.
515824	448006	Gray Light	25 yd.	3/4 in.
515825	449192	Beach White	25 yd.	3/4 in.
515828	448007	Cyberspace	25 yd.	3/4 in.
515830	448008	Sandshell	25 yd.	3/4 in.

Nautolex® is a registered trademark of OMNOVA Solutions, Inc. Capitano™ is a trademark of OMNOVA Solutions, Inc.



HYDEM GIMP – ACRYLIC

A very durable, acrylic split hydem gimp. Resists dirt, ultraviolet rays, mildew and fraying. Used to hide or “dress up” seams on boat cushions and boat tops.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
515623	4637	Forest Green	100 yd.	5/8 in.
515629	4631	Burgundy	100 yd.	5/8 in.
515637	4617	Royal Blue	50 yd.	5/8 in.



HYDEM GIMP

A very durable split hydem gimp. Resists dirt, ultraviolet rays, mildew and fraying. Used to hide or “dress up” seams on boat cushions and boat tops.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
515600		White	50 yd.	5/8 in.
515617	308	Black	50 yd.	5/8 in.
515733	771	Mystic White	50 yd.	5/8 in.
515734	773	Off White	50 yd.	5/8 in.



WELT – SEAQUEST

Welt is used to visually enhance a seam on seating. Colors correspond with the Nassimi Breeze Seaquest Vinyl Upholstery collection.

ITEM #	COLOR	PUT UP
515861	American Beauty	50 yd.
515862	Anchor	50 yd.
515863	Buff	50 yd.
515864	Chalk	50 yd.
515865	Cove	50 yd.
515866	Dune	50 yd.
515867	Ebony	50 yd.
515868	Emerald	50 yd.
515869	Forest	50 yd.
515870	Hampton	50 yd.
515871	Havasu	50 yd.
515872	Lemon Peel	50 yd.
515873	Lighthouse Red	50 yd.
515874	Lotion	50 yd.
515875	Marble	50 yd.
515876	Midnight	50 yd.
515877	Mist	50 yd.
515878	Navel	50 yd.
515879	Navy	50 yd.
515880	Oyster	50 yd.
515881	Pearl Oyster	50 yd.
515882	Pelican	50 yd.
515883	Royal	50 yd.
515884	Ruby	50 yd.
515885	Sea White	50 yd.
515886	Smoke	50 yd.
515887	Teal	50 yd.
515889	Too White	50 yd.
515890	White Ice	50 yd.

WELT – RUBBER SPRAY

Made from EPDM, a dense non-marking rubber, this spray welt stays soft and easy to mold to a windshield or any other surface. With no foam to disintegrate, it lasts much longer than other weltings. It is also stronger, less likely to rip out, making it trouble free.

ITEM #	COLOR	PUT UP
578094	Black	100 ft.



WELT – WINDSHIELD

Made of vinyl-encased foam and used as a gasket between the boat top and the windshield to prevent water from entering. Style Nos. 3105-6 and 3705-6 are made of 6 mil vinyl, and Style No. 3707-10 is made of 10 mil vinyl.

ITEM #	STYLE #	COLOR	PUT UP	SIZE
578020	3705-6	Black	500 ft.	3/8 in. x 7/8 in.
578021	3705-6	Gray	500 ft.	3/8 in. x 7/8 in.
578026	3707-10	Black	500 ft.	3/8 in. x 1-1/8 in.
578032	3105-6	White	500 ft.	5/16 in. x 13/16 in.
578040	3705-6	Black	150 ft.	3/8 in. x 7/8 in. x 1/2 in. Flap
578046	3707-10	Black	150 ft.	3/8 in. x 1-1/8 in. x 1/2 in. Flap
578052	3105-6	White	150 ft.	5/16 in. x 13/16 in. x 1/2 in. Flap



XTREME SEAL® ULTRA SEAL

Xtreme Seal Ultra Seal is designed for a great edge seal. It works well with DOT® Common Sense® fasteners and gives a flatter finished profile.

ITEM #	STYLE #	COLOR	PUT UP
578051	POD9	Black	100 ft.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC. DOT® and Common Sense® are registered trademarks of Scovill, Inc.



XTREME SEAL® V-SEAL

Xtreme V-Seal works well with all cutouts and tight corners, bow covers and radar arch cutouts.

ITEM #	STYLE #	COLOR	PUT UP
578053	POD11	Black	100 ft.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.

XTREME SEAL®

Xtreme Seal edge seal is a high-tech extrusion, engineered and manufactured with an advanced EPDM material. It's a closed-cell flexible material that can be glued or sewn to most materials and surfaces. The flexibility and unique design creates a three-point contact seal on most surfaces. Xtreme Seal is an ideal choice for an edge seal on all types of custom covers, such as convertible tops, side curtains, camper enclosures, windshield tops and sides, front-drop windshields, and deck seals.



ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP
578055*	3707-EP	Black	300 ft.	3/8 in. x 3/4 in.
578056	POD6		Black	300 ft.
578057	POD7		White	300 ft.
578059	POD7	Bulk Pack	White	500 ft.

*578055 - EPDM Material - Synthetic Rubber.

Xtreme Seal® is a registered trademark of Xtreme Seal LLC.



THREAD – AQUA-SEAL™

Aqua-Seal polyester thread and bobbins when used as a system provides a strong deterrent to seam leakage. Aqua-Seal thread is colorfast, UV resistant, and non-wicking. When Aqua-Seal thread is used with its pre-wound bobbin, it fills the needle holes as the fabric is stitched.

ITEM #	COLOR	PUT UP	SIZE
542000	White	1 lbs. tubes	92+ / T110
542001	Black	1 lbs. tubes	92+ / T110
542002	Natural Tan	1/2 lbs. tubes	92+ / T110t
542003	Steel Grey	1/2 lbs. tubes	92+ / T110
542004	Ruby Red	1/2 lbs. tubes	92+ / T110
542005	Marine Blue	1/2 lbs. tubes	92+ / T110
542030	White	1 lbs. tubes	138 / T135
542031	Black	1 lbs. tubes	138 / T135

Aqua-Seal™ is a trademark of Fil-Tec, Inc.



THREAD – COATS DABOND® NANO

This thread provides all the strength characteristics as regular Dabond plus has an anti-wick finish that minimizes seam leakage.

ITEM #	AVERAGE BREAKING STRENGTH	COLOR	COLOR NUMBER	PUT UP	SIZE
542330	14.5 lbs.	Pacific Blue	4601	8 oz. tube	V92
542332	14.5 lbs.	Jockey Red	4603	8 oz. tube	V92
542334	14.5 lbs.	Natural	4604	8 oz. tube	V92
542336	14.5 lbs.	Black	4608	8 oz. tube	V92
542338	14.5 lbs.	Beige	4620	8 oz. tube	V92
542346	14.5 lbs.	Cadet Gray	4630	8 oz. tube	V92
542348	14.5 lbs.	Burgundy	4631	8 oz. tube	V92
542350	14.5 lbs.	Linen	4633	8 oz. tube	V92
542352	14.5 lbs.	Forest Green	4637	8 oz. tube	V92
542372	22.6 lbs.	Jockey Red	4603	8 oz. tube	V138
542378	22.6 lbs.	Beige	4620	8 oz. tube	V138
542380	22.6 lbs.	Terra Cotta	4622	8 oz. tube	V138
542384	22.6 lbs.	Toast	4628	8 oz. tube	V138
542388	22.6 lbs.	Burgundy	4631	8 oz. tube	V138
542390	22.6 lbs.	Linen	4633	8 oz. tube	V138
542392	22.6 lbs.	Forest Green	4637	8 oz. tube	V138
542526	10.9 lbs.	White		16 oz. tube	V-69 (#24)
542530	14.5 lbs.	Black		16 oz. tube	V-92 (#16)
542532	14.5 lbs.	White		16 oz. tube	V-92 (#16)
542543	14.5 lbs.	White		16 oz. tube	V-92
542557	22.6 lbs.	White		16 oz. tube	V-138 (#12)
542558	22.6 lbs.	Black		16 oz. tube	V-138 (#12)

Dabond® is a registered trademark of J. & P. Coats, Limited.



THREAD – COATS DUAL DUTY®

Dual Duty is "core"-type thread made by spinning a high-grade cotton warp around a continuous multi-filament polyester core. Low shrinkage as compared to cotton, high single end strength, stronger seams than with cotton of equivalent size, and excellent resistance to abrasion. When wet, cotton swells to fill needle holes in fabric, which reduces seam leakage.

ITEM #	COLOR	PUT UP	SIZE
551952	Natural	1-1/2 lb. cones, 5,000 yd./cone, 18/box	150

Dual Duty® is a registered trademark of J. & P. Coats, Limited.



THREAD – COATS NYMO® UVR NYLON MONOCORD

Not recommended for outdoor use.

ITEM #	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
552001	4100	15.5 lbs.	Natural	1 lb. tubes, 40/box	EE
552002	3200	19 lbs.	Natural	1 lb. tubes, 40/box	FF
552003	2700	24 lbs.	Natural	1 lb. tubes, 40/box	NN160

Nymo® is a registered trademark of J. & P. Coats, Limited.



THREAD – COATS POLYMATIC® DRIP STOP BONDED MONOCORD DACRON®

Polymatic Drip-Stop inhibits the capillary action that causes seam leakage. Where seam leakage would detract from the utility of the end product, specify this thread.

ITEM #	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
551905	3500	18 lbs.	White	1 lb. tubes, 40/box	125
551906	3500	18 lbs.	Black	1 lb. tubes, 40/box	125
551915	3800	18 lbs.	White	1 lb. tubes, 40/box	FF
551916	3800	18 lbs.	Black	1 lb. tubes, 40/box	FF

Polymatic® is a registered trademark of J. & P. Coats, Limited. Dacron® is a registered trademark of INVISTA™.



THREAD – COATS POLYMATIC® BONDED MONOCORD DACRON®

A bonded monocord Dacron thread treated for maximum resistance to UV degradation. This thread has increased lubrication to protect the thread during the sewing process. Stronger than twisted threads, therefore a smaller thread size can be used. Less prone to ravel and knot during sewing. Its oval profile reduces exposure of thread to surface abrasion. Can be used on both sides of double needle machine.

ITEM #	STYLE #	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
551917		2800	22 lbs.	Black	1 lb. tubes, 40/box	160
551919		2800	22 lbs.	White	1 lb. tubes, 40/box	160
551921		3572	18 lbs.	Red	1 lb. tubes, 40/box	125
551922		3572	18 lbs.	Grey	1 lb. tubes, 40/box	125
551924	54234	3572	18 lbs.	Shoe Green	1 lb. tubes, 40/box	125
551925		3572	18 lbs.	White	1 lb. tubes, 40/box	125
551926		3572	18 lbs.	Black	1 lb. tubes, 40/box	125
551927		3572	18 lbs.	Olive Drab	1 lb. tubes, 40/box	125

ITEM #	STYLE #	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
551928		3572	18 lbs.	Blue	1 lb. tubes, 40/box	125
551929		3572	18 lbs.	Brown	1 lb. tubes, 40/box	125
551930	S5044P	3572	18 lbs.	Turf Green	1 lb. tubes, 40/box	125
551931		3500	18 lbs.	Beige	8 oz. tubes, 100/box	125
551933		3500	18 lbs.	Burgundy	8 oz. tubes, 100/box	125
551935		3783	15.5 lbs.	White	1 lb. tubes, 40/box	FF
551936		3783	15.5 lbs.	Black	1 lb. tubes, 40/box	FF
551938		3783	15.5 lbs.	Beige	1 lb. tubes, 40/box	FF
551942		3572	18 lbs.	Tan	1 lb. tubes, 40/box	125
551943		3572	18 lbs.	Ashes	1 lb. tubes, 40/box	125
551946		3572	18 lbs.	Indigo	1 lb. tubes, 40/box	125
551947		3572	18 lbs.	Cameleon Grey	1 lb. tubes, 40/box	125
552000		3572	18 lbs.	Lark	1 lb. tubes, 40/box	125

Polymatic® is a registered trademark of J. & P. Coats, Limited. Dacron® is a registered trademark of INVISTA™.



THREAD – COATS ULTRA DEE® POLYESTER

A corded thread made from a high strength, resilient and continuous filament polyester. Heat set to minimize shrinkage or stretch. The bonded finish adds strength and reduces fraying at needle eye. All are left twist threads.

ITEM #	DESCRIPTION	APPROX. YARDS PER TUBE	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
541213	Gral Anti-Static Finish	3100	21.4 lbs.	Black	1 lb. tubes, 50/box	138 (#12)
541214	Gral Anti-Static Finish	3100	21.4 lbs.	White	1 lb. tubes, 50/box	138 (#12)
541319	Bonded	3100	21.4 lbs.	Olive Drab	1 lb. tubes, 50/box	DB138 (#12)
541320	Bonded	2913	21.4 lbs.	White	1 lb. tubes, 50/box	DB138 (#12)
541321	Bonded	4141	14.2 lbs.	White	1 lb. tubes, 50/box	DB92 (#16)
541322	Bonded	2913	21.4 lbs.	Black	1 lb. tubes, 50/box	DB138 (#12)
541323	Bonded	4141	14.2 lbs.	Black	1 lb. tubes, 50/box	DB92 (#16)
541324	Bonded	5549	10.5 lbs.	White	1 lb. tubes, 50/box	DB69 (#24)
541325	Bonded	5549	10.5 lbs.	Black	1 lb. tubes, 50/box	DB69 (#24)
541326	Bonded	4141	14.2 lbs.	Beaver	1 lb. tubes, 50/box	DB92 (#16)
541352	Bonded	1035	14 lbs.	Olive	1 lb. tubes, 50/box	DB138
541356	Bonded	1035	14 lbs.	Rhonda Blue	1 lb. tubes, 50/box	DB138
541357	Bonded	1035	14 lbs.	Steel Grey	1 lb. tubes, 50/box	DB138
541613	Gral Anti-Static Finish	4140	14.2 lbs.	Black	1 lb. tubes, 50/box	92 (#16)
541614	Gral Anti-Static Finish	4140	14.2 lbs.	White	1 lb. tubes, 50/box	92 (#16)
541800	Bonded	1147	14.2 lbs.	Red	4 oz. tubes, 10/box	DB92 (#16)
541803	Bonded	1147	14.2 lbs.	Malaga	4 oz. tubes, 10/box	DB92 (#16)
541805	Bonded	1147	14.2 lbs.	Beaver	4 oz. tubes, 10/box	DB92 (#16)
541808	Bonded	1147	14.2 lbs.	Gold	4 oz. tubes, 10/box	DB92 (#16)
541809	Bonded	1147	14.2 lbs.	Hunter Green	4 oz. tubes, 10/box	DB92 (#16)
541813	Bonded	1147	14.2 lbs.	Navy	4 oz. tubes, 10/box	DB92 (#16)
541815	Bonded	1147	14.2 lbs.	Peasant Beige	4 oz. tubes, 10/box	DB92 (#16)
541816	Bonded	1147	14.2 lbs.	Black	4 oz. tubes, 10/box	DB92 (#16)
541817	Bonded	1147	14.2 lbs.	Blue	4 oz. tubes, 10/box	DB92 (#16)
541818	Bonded	1147	14.2 lbs.	Terra Cotta	4 oz. tubes, 10/box	DB92 (#16)
541821	Bonded	1147	14.2 lbs.	Medium Titanium	4 oz. tubes, 10/box	DB92 (#16)
541823	Bonded	1147	14.2 lbs.	Chocolate Brown	4 oz. tubes, 10/box	DB92 (#16)
541826	Bonded	1147	14.2 lbs.	Ashes	4 oz. tubes, 10/box	DB92 (#16)
541830	Bonded	1147	14.2 lbs.	Pebble	4 oz. tubes, 10/box	DB92
541831	Bonded	1147	14.2 lbs.	Sand	4 oz. tubes, 10/box	DB92 (#16)
541832	Bonded	1035	14 lbs.	Suntan	4 oz. tubes, 10/box	DB92
541838	Bonded	1147	14.2 lbs.	White	4 oz. tubes, 10/box	DB92
541842	Bonded	1147	14.2 lbs.	Spruce	4 oz. tubes, 10/box	DB92 (#16)
541844	Bonded	1147	14.2 lbs.	Ripe Raisin	4 oz. tubes, 10/box	DB92
542101	Gral Anti-Static Finish	2020	31.4 lbs.	White	1 lb. tubes, 50/box	207 (#4)
542102	Bonded	1876	31.4 lbs.	White	1 lb. tubes, 50/box	DB207 (#4)
542414	Gral Anti-Static Finish	5549	10.5 lbs.	White	1 lb. tubes, 50/box	69 (#24)
542415	Gral Anti-Static Finish	5549	10.5 lbs.	Black	1 lb. tubes, 50/box	69 (#24)

Ultra Dee® is a registered trademark of J. & P. Coats, Limited.



THREAD – COATS ULTRA DEE® POLYESTER WITH QUARPEL FINISH

Quarpel thread has a special treatment designed to reduce seam leakage. Recommended for use on awning and cover fabrics. **The White thread is not pure white in color, but is a pale cream color.**

ITEM #	DESCRIPTION	APPROX. YARDS PER TUBE	COLOR	PUT UP	SIZE
542213	Quarpel Finish	2912	Black	1 lb. tubes, 50/box	138
542214	Quarpel Finish	2912	White	1 lb. tubes, 50/box	138

Ultra Dee® is a registered trademark of J. & P. Coats, Limited.



THREAD – NUBOND® TWISTED NON-WICK POLYESTER

Nubond has superior strength, stretch and recovery properties and excellent resistance to chemicals, bacteria, mildew, wear and abrasion. This thread is made of quality, high tenacity, heat resistant, continuous filament yarn. Special waxes, silicones and oils are applied to lubricate the thread, reducing needle heat and increasing sewability. This also aids in the application of constant machine tension and good loop formation.

ITEM #	DESCRIPTION	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	COLOR NUMBER	PUT UP	SIZE
540300		2700	23 lbs.	Erin Green	4600	1 lb. tubes	138
540301		2700	23 lbs.	Pacific Blue	4601	1 lb. tubes	138
540304	Right Twist	2700	23 lbs.	White		1 lb. tubes	138
540305	Right Twist	2700	23 lbs.	Black		1 lb. tubes	138
540321		2700	23 lbs.	True Brown	4621	1 lb. tubes	138
540328		2700	23 lbs.	Toast	4628	1 lb. tubes	138
540334		2700	23.8 lbs.	Desert Tan		1 lb. tubes	138
540346		2700	23 lbs.	Navy	4646	1 lb. tubes	138
540403		2700	23 lbs.	Red	4603	1 lb. tubes	138
540430		2700	23 lbs.	Cadet Gray	4630	1 lb. tubes	138
540431		2700	23 lbs.	Burgundy	4631	1 lb. tubes	138
540433		2700	23 lbs.	New Linen	4633	1 lb. tubes	138
540437		2700	23 lbs.	Forest Green	4637	1 lb. tubes	138
540439		2700	23 lbs.	Olive Drab		1 lb. tubes	138
540501		4200	13.8 lbs.	Pacific Blue	4601	1 lb. tubes	92
540521		4200	13.8 lbs.	True Brown	4621	1 lb. tubes	92
540528		4200	13.8 lbs.	Toast	1628	1 lb. tubes	92
540534		4200	13.8 lbs.	Desert Tan		1 lb. tubes	92
540546		4200	13.8 lbs.	Navy	4646	1 lb. tubes	92
540603		4200	13.8 lbs.	Red	4603	1 lb. tubes	92
540620		4200	13.8 lbs.	Steel Gray		1 lb. tubes	92
540630		4200	13.8 lbs.	Cadet Gray	4630	1 lb. tubes	92
540631		4200	13.8 lbs.	Burgundy	4631	1 lb. tubes	92
540633		4200	13.8 lbs.	New Linen	4633	1 lb. tubes	92
540637		4200	13.8 lbs.	Forest Green	4637	1 lb. tubes	92
540639		4200	13.8 lbs.	Olive Drab		1 lb. tubes	92
540704		5700	10 lbs.	Toast	4628	1 lb. tubes	69
540705		5700	10 lbs.	Cadet Gray	4630	1 lb. tubes	69
540706		5700	10 lbs.	Navy Blue	4626	1 lb. tubes	69
542450		4200	13.8 lbs.	White		1 lb. tubes	92
542451		4200	13.8 lbs.	Black	4608	1 lb. tubes	92
542452		2700	23 lbs.	White		1 lb. tubes	138
542453		2700	23 lbs.	Black	4608	1 lb. tubes	138
542454		5700	10 lbs.	White		1 lb. tubes	69
542455		5700	10 lbs.	Black	4608	1 lb. tubes	69

Nubond® is a registered trademark of Royalty Carpet Mills, Inc.



THREAD – PREMOfAST™

A colorfast and fade resistant polyester thread.

ITEM #	DESCRIPTION	APPROX. YARDS PER POUND	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	SIZE
542900		2800	23 lbs.	White	1 lb. spool	WS138
542901		2800	23 lbs.	Black	1 lb. spool	WS138
542945		3600	18 lbs.	White	1 lb. spool	WS92+
542946		3600	18 lbs.	Black	1 lb. spool	WS92+
542955		3600	18 lbs.	Natural Tan	1 lb. spool	WS92+
542956		3600	18 lbs.	Ruby Red	1 lb. spool	WS92+
542957		3600	18 lbs.	Marine Blue	1 lb. spool	WS92+
542960		3600	18 lbs.	Burgundy	1 lb. spool	WS92+
542962		3600	18 lbs.	Steel Gray	1 lb. spool	WS92+
542980	Poly Bonded Monocord	3600	18 lbs.	Forest Green	1 lb. spool	WS92+

THREAD MANUFACTURER'S CAUTION: Every possible care is exercised to furnish colors of proper fastness for the particular work involved, however, inasmuch as conditions of use (i.e. contrast stitching, volatile environments, etc), washing, cleaning, pressing, etc., vary considerably in thread usage, the buyer should ensure by prior experimentation that the dye fastness of the thread is suitable for the purpose. Almost no thread is 100% colorfast under all circumstances. Vinyls contain plasticizers which can promote color bleeding. As the cost of the thread is so disproportionate to the value of the goods onto which it is sewn, in the unlikely event of a claim, we are not responsible for consequential damages.

Premofast™ is a trademark of Fil-Tec, Inc.



THREAD – SUNSTOP®

Designed for the outdoor market, SunStop thread is made of 100% continuous filament polyester with enhanced UV and fade protection and a non-wicking finish. Use SunStop for outdoor applications requiring UV protection, such as tents, awnings, and canvas and marine applications.

ITEM #	STYLE #	COLOR	PUT UP	SIZE
540201	66500	White	2100 yd.	T90
540205	66517	Linen	2100 yd.	T90
540206	66512	Toast	2100 yd.	T90
540207	66503	Beige	2100 yd.	T90
540216	66501	Black	2100 yd.	T90
540230	66500	White	4200 yd.	T90
540231	66501	Black	4200 yd.	T90
540263	66511	Cadet Grey	1350 yd.	T135
540264	66517	Linen	1350 yd.	T135
540268	66506	Forest Green	1350 yd.	T135
540276	66500	White	2700 yd.	T135
540277	66501	Black	2700 yd.	T135

SunStop® is a registered trademark of American & Efirid Enterprises, Inc.



THREAD – SPECIAL

ITEM #	DESCRIPTION	APPROX. YARDS PER TUBE	COLOR	MATERIAL	PUT UP	SIZE
540910		9800	Soft White	Polyester	1 lb. tubes, 60/box	46
542750	Bonded	5923	White	Nylon	16 oz. tubes, 40/case	69
542753	Bonded	5923	Black	Nylon	16 oz. tubes, 40/case	69



THREAD – GORE® TENARA® (ORIGINAL STYLE)

Gore Tenara Sewing Thread has unique properties. This thread is unaffected by sunlight. UV radiation will not weaken or degrade it. Polyester threads, under daily sunlight exposure will lose as much as half their strength in as little as one year, and be down to 10% of their original strength in 3 years. Tenara maintains its strength and color indefinitely. Gore Tenara Sewing Thread will outlast the fabric that it is sewn into. Comes with a full warranty to that effect. It is unaffected by canvas cleaning solutions and will not stain, rot or mildew. Dirt just wipes off. Using Gore Tenara Sewing Thread means seams that will last.

Tenara Sewing Thread Original Style is the first generation of Tenara outdoor sewing thread. The Original Style sewing thread is un-lubricated, with an elongation (or stretch) of five to seven percent.

ITEM #	STYLE #	APPROX. YARDS PER TUBE	COLOR	NOMINAL BREAKING STRENGTH	PUT UP	SIZE
552200	M1000	3825	White	14 lbs.	1 lb. spools	92
552201	M1000-BK	3825	Black	12 lbs.	1 lb. spools	92
552210	M1000H	1900	White	25 lbs.	1 lb. spools	138
552211	M1000-HBK	1775	Black	22 lbs.	1 lb. spools	138
552220	M1000-5	1900	White	14 lbs.	1/2 lb. spools	92
552221	M1000BK-5	1900	Black	12 lbs.	1/2 lb. spools	92
552230	M1000H-5	950	White	25 lbs.	1/2 lb. spools	138
552231	M1000HBK-5	950	Black	22 lbs.	1/2 lb. spools	138

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic, or medical device manufacturing, processing, or packaging operations.

Gore® and Tenara® are registered trademarks of W. L. Gore and Associates.



THREAD – GORE® TENARA® (TR STYLE)

Gore Tenara Sewing Thread TR style builds on the features of the Original Style, but increases the choice of colors, as well as improving the sewability features. TR style comes in highly popular clear, providing a translucent thread that disappears into most fabrics, making color matching headaches go away. The patented TR style sewing thread has an elongation (or stretch) of approximately seventeen percent, making it more robust, which allows faster sewing. The TR style is lubricated with a silicone solution in all but the largest style.

ITEM #	STYLE #	APPROX. YARDS PER TUBE	COLOR	NOMINAL BREAKING STRENGTH	PUT UP	SIZE
552261	M1000TR-LG5	1900	Light Gray	8 lbs.	1/2 lb. spools	92
552262	M1000TR-TN5	1900	Sandstone (Tan)	8 lbs.	1/2 lb. spools	92
552263	M1000TR-RD5	1900	Red	8 lbs.	1/2 lb. spools	92
552264	M1000TR-CB5	1900	Bay Blue	8 lbs.	1/2 lb. spools	92
552265	M1000TR-FG5	1900	Forest Green	8 lbs.	1/2 lb. spools	92
552268	M1000HTR-CB5	950	Bay Blue	14 lbs.	1/2 lb. spools	138
552269	M1000HTR-FG5	950	Forest Green	14 lbs.	1/2 lb. spools	138
552270	M1000HTR-RD5	950	Red	14 lbs.	1/2 lb. spools	138
552272	M1000HTR-WH5	950	White	14 lbs.	1/2 lb. spools	138
552273	M1000HTR-BK5	950	Black	14 lbs.	1/2 lb. spools	138
552274	M1000TR-WH5	1900	White	8 lbs.	1/2 lb. spools	92
552275	M1000TR-BK5	1900	Black	8 lbs.	1/2 lb. spools	92
552277	M1000HTR-LG5	950	Light Gray	14 lbs.	1/2 lb. spools	138
552279	M1000HTR-TN5	950	Sandstone	14 lbs.	1/2 lb. spools	138
552282	M1000HTR-YW5	950	Yellow	14 lbs.	1/2 lb. spools	138
552290	M1000LTR-L-5	2300	Clear	7 lbs.	1/2 lb. spools	69
553090	M1000KTR-L5	1900	Clear	10 lbs.	1/2 lb. spools	92
553091	M1000HKTR-L5	950	Clear	19 lbs.	1/2 lb. spools	138

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic, or medical device manufacturing, processing, or packaging operations.

Gore® and Tenara® are registered trademarks of W. L. Gore and Associates.



BOBBINS – AQUA-SEAL™

ITEM #	STYLE #	COLOR	PUT UP	SIZE
542060	G	White	72/box	92+ / T110
542061	G	Black	72/box	92+ / T110
542080	M	White	72/box	92+ / T110
542081	M	Black	72/box	92+ / T110

Aqua-Seal™ is a trademark of Fil-Tec, Inc.



BOBBINS – COATS DUAL DUTY®

ITEM #	STYLE #	APPROX. YARDS PER BOBBIN	COLOR	PUT UP	SIZE
552150	G	15	Natural	1 gr. box	150 (#12)

Dual Duty® is a registered trademark of J. & P. Coats, Limited.



BOBBINS – COATS NYMO® UVR NYLON

ITEM #	STYLE #	APPROX. YARDS PER BOBBIN	COLOR	PUT UP	SIZE
552061	G	24	Natural	80/box, 50/box	EE

Nymo® is a registered trademark of J. & P. Coats, Limited.



BOBBINS – COATS ULTRA DEE® POLYESTER

ITEM #	STYLE #	APPROX. YARDS PER BOBBIN	COLOR	PUT UP	SIZE
542103	58	37	White	1 gr. box, 30/box	207
542104	58	37	White		
551200	U	49	White	1 gr. box, 30/box	138
551201	U	49	Black	1 gr. box, 30/box	138
551202	M	24	Black	1 gr. box, 30/box	138
551254	G	17	Olive Drab	1 gr. box, 30/box	138
551263	G	17	Black	1 gr. box, 30/box	138
551264	G	17	White	1 gr. box, 30/box	138
551265	M	24	White	1 gr. box, 30/box	138
551652	G	25	Beaver	1 gr. box, 30/box	92
551660	G	25	Black	1 gr. box, 30/box	92
551664	G	25	White	1 gr. box, 30/box	92
551763	M	36	Black	1 gr. box, 30/box	92
551764	M	36	White	1 gr. box, 30/box	92
551813	F	29	Black	1 gr. box, 30/box	69
551814	F	29	White	1 gr. box, 30/box	69

Ultra Dee® is a registered trademark of J. & P. Coats, Limited.



BOBBINS – COATS POLYMATIC® BELBOBS® BONDED MONOCORD DACRON®

Shell-less bobbins.

ITEM #	STYLE #	APPROX. YARDS PER BOBBIN	COLOR	PUT UP	SIZE
551948	M	31	Indigo	50/box	125
551950	M	31	Cameleon	50/box	125
			Grey		
551951	M	31	Dark Brown	50/box	125
551963	G	22	Black	50/box	125
551966	M	31	Ashes	50/box	125
551967	M	31	Black	50/box	125
551972	G	22	Grey	50/box	125
551975	G	22	White	50/box	125
551979	G	22	Beige	50/box	125
551980	M	31	White	50/box	125
551981	U	42	White	50/box	125
551983	U	42	Black	50/box	125
551985	G	27	White	50/box	FF
551986	G	27	Black	50/box	FF
551991	G	27	Beige	50/box	FF
551999	M	40	White	50/box	FF
552080	M	40	Black	50/box	FF

BelboBs® and Polymatic® are registered trademarks of J. & P. Coats, Limited. Dacron® is a registered trademark of INVISTA™.



BOBBINS – COATS DABOND® BELBOBS®

ITEM #	STYLE #	APPROX. YARDS PER BOBBIN	COLOR	PUT UP	SIZE
542580	S/M	24	Black	1 gr. box	138
542581	S/M	24	White	1 gr. box	138
542593	G	18	White	1 gr. box	138
542781	S/M	24	Malaga	1 gr. box	138

Dabond® and BelboBs® are registered trademarks of J. & P. Coats, Limited.



BOBBINS – PREMOfAST™

Premofast bobbins are solution dyed and will not bleed. All bobbins are sideless for maximum yield.

ITEM #	STYLE #	APPROX. YARDS PER BOBBIN	COLOR	PUT UP	SIZE
551350	M	26	Black	1 gr. box, 18/box	WS138
551380	M	37	White	1 gr. box, 18/box	WS92+
551381	M	37	Black	1 gr. box, 18/box	WS92+
551431	G	22	White	1 gr. box, 18/box	92+
551432	G	22	Black	1 gr. box, 18/box	92+

Premofast™ is a trademark of Fil-Tec, Inc.



BOBBINS – STC POLYESTER

Ready-wound bobbins provide more thread per bobbin. The finish applied to the thread assures controlled delivery of the thread from the bobbin and contributes to a balanced stitch formation.

ITEM #	STYLE #	COLOR	PUT UP	SIZE
550100	S/G	White	1 gr. box, 30/box	92
550101	S/G	Black	1 gr. box, 30/box	92
550250	S/M	White	1 gr. box, 30/box	92
550252	S/M	Black	1 gr. box, 30/box	92
550300	S/G	White	1 gr. box, 30/box	138
550302	S/G	Black	1 gr. box, 30/box	138
550351	S/M	White	1 gr. box, 30/box	138
550353	S/M	Black	1 gr. box, 30/box	138

BOBBINS – SUNSTOP®

ITEM #	STYLE #	COLOR	PUT UP	SIZE
550500	M	White	1 gr.	T90
550501	M	Beige	1 gr.	T90
550502	M	Sol-Jet Black	1 gr.	T90

SunStop® is a registered trademark of American & Efid Enterprises, Inc.



POLYFAB™ SHADE SAIL EDGE WEBBING

Polyfab Shade Sail Edge Webbing is used for shade structures and shade sails. This polyester webbing has a breaking strength of approximately 4,700 pound force. Available in 20 colors to match Polytex®, Comtex® and Architec 400® extra heavy duty knitted Shadecloth.

ITEM #	COLOR	COLOR NUMBER	PUT UP	WIDTH
565101	Midnight Green	62	109 yd.	2 in.
565103	Blue	50	109 yd.	2 in.
565105	Navy Blue	51	109 yd.	2 in.
565107	Sandstone	73	109 yd.	2 in.
565109	Bronze	81	109 yd.	2 in.
565111	Sage	19	109 yd.	2 in.
565113	Charcoal	92	109 yd.	2 in.
565115	Porcelain	71	109 yd.	2 in.
565117	Yellow	10	109 yd.	2 in.
565121	Black	99	109 yd.	2 in.
565125	Silver Gray	91	109 yd.	2 in.
565127	Red	30	109 yd.	2 in.
565129	Beige	72	109 yd.	2 in.
565131	Café Noir	35	109 yd.	2 in.
565133	White	01	109 yd.	2 in.
565135	Antec Orange	22	109 yd.	2 in.
565137	Berry	36	109 yd.	2 in.
565139	Purple	58	109 yd.	2 in.
565141	Fluoro Green	67	109 yd.	2 in.

Polyfab™ is a trademark of Polyfab USA. Polytex®, Comtex® and Architec 400® are registered trademarks of Polyfab USA.



WEBBING – SUNBRELLA®

Sunbrella webbing made of 78% Sunbrella Acrylic and 22% high-tenacity polyester. A strong, weather-resistant webbing. Retains more tensile strength than other types of webbing after exposure to sunlight. Compatible with Sunbrella fabric colors.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
577500	70-1654	1000 lbs.	Pacific Blue	25 yd.	1 in.
577501	70-1654	1000 lbs.	White	25 yd.	1 in.
577502	70-1654	1000 lbs.	Black	25 yd.	1 in.
577503	70-1654	1000 lbs.	Gray	25 yd.	1 in.

Sunbrella® is a registered trademark of Glen Raven, Inc.

WEBBING – NYLON

Strong, dependable nylon webbing. Ideal for use with synthetic fabrics

ITEM #	STYLE #	DESCRIPTION	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
574905	N0015CD		1720 lbs.	Black	50 yd.	1 in.
574906	N0015CD		1720 lbs.	White	50 yd.	1 in.
574908	N0015S		1323 lbs.	Black	50 yd.	1-1/2 in.
574912	N0015		2564 lbs.	Black	50 yd.	2 in.
574936	N0019		3850 lbs.	Brown	50 yd.	1 in.
574957	N0030		2400 lbs.	Black	50 yd.	1 in.
574963	N0023		1580 lbs.	Black	50 yd.	1 in.
574967	N0015S		1200 lbs.	Black	50 yd.	3/4 in.
574999	N0090	Tubular	2400 lbs.	Black	50 yd.	3/4 in.
575010	N0019		3300 lbs.	White	50 yd.	3/4 in.
575011	N0019		3300 lbs.	Black	50 yd.	3/4 in.
575012	N0019		4200 lbs.	Silver	50 yd.	1 in.
575013	N0019		4200 lbs.	Red	50 yd.	1 in.
575014	N0019		4200 lbs.	Navy	50 yd.	1 in.
575017	N0019		4200 lbs.	White	50 yd.	1 in.
575018	N0019		4200 lbs.	Brown	50 yd.	1 in.
575023	N0019		4200 lbs.	Yellow	50 yd.	1 in.
575030	N0019		5890 lbs.	Black	50 yd.	1-1/2 in.
575072	N0095		4200 lbs.	White	50 yd.	1 in.
575073	N0095		4200 lbs.	Black	50 yd.	1 in.
575075	N0085		7600 lbs.	Black	50 yd.	2 in.
575076	N0072		9000 lbs.	Black	50 yd.	1-3/4 in.
575079	N0087		6000 lbs.	White	50 yd.	2 in.
575109	N0019		4200 lbs.	Black	50 yd.	1 in.
575111	N0028	Tubular	4000 lbs.	Black	50 yd.	1 in.
575113	NN075		4965 lbs.	Black	50 yd.	2 in.
575125	7207		1600 lbs.	Black	100 yd.	1 in.
575142	7270	Heat Set	3000 lbs.	White	50 yd.	2 in.
575144	7270	Heat Set	3000 lbs.	Black	50 yd.	2 in.
575150	S30460	Tubular	4000 lbs.	Black	50 yd.	1 in.
575153	12304		1400 lbs.	Natural	50 yd.	1 in.
575234	20616		1200 lbs.	Black	50 yd.	1 in.
575240	N0025		3400 lbs.	White	50 yd.	1 in.
575241	N0025		3700 lbs.	Black	50 yd.	1 in.
575243	N0025		3698 lbs.	Black	50 yd.	1-1/2 in.
575249	N0025		6200 lbs.	Black	50 yd.	2 in.
575250	20616		2400 lbs.	Black	50 yd.	2 in.
575259	N0023		1580 lbs.	White	50 yd.	1 in.
575260	N0023S		1200 lbs.	Black	50 yd.	1 in.
576110	N0006		6000 lbs.	Black	50 yd.	1 in.

WEBBING – DACRON®

Resistant to mildew, ultraviolet rays and shrinkage.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
576633	S0009	740 lbs.	White	50 yd.	1-1/2 in.
576634	S0009	740 lbs.	White	50 yd.	2 in.

Dacron® is a registered trademark of INVISTA.

WEBBING – POLYESTER

Resistant to mildew, ultraviolet rays and shrinkage. Excellent for reinforcing swimming pool covers – both screen or solid vinyl types.

ITEM #	STYLE #	DESCRIPTION	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
575132	T-1200		6000 lbs.	Black	200 yd.	2 in.
575135	T-1200		6000 lbs.	Natural	200 yd.	2 in.
575299	R7624		6775 lbs.	Black	100 yd.	2 in.
575302	2070/S0009	Spun	740 lbs.	White	50 yd.	1 in.
575327	U0017			Black	50 yd.	1 in.
575334	U0025			White	50 yd.	2 in.

WEBBING – PVC COATED POLYESTER

A general-purpose webbing with many applications. Not recommended for outdoor use. Sold in full rolls only.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
577907	1281	2900 lbs.	White	110 yd.	1-7/8"

WEBBING – POLYPROPYLENE STYLE NO. 7166/P0001

A general-purpose webbing with many applications. Not recommended for outdoor use. Sold in full rolls only.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
576020	PP037	600 lbs.	White	100 yd.	1 in.
576021	PP037	600 lbs.	Black	100 yd.	1 in.
576031	7166/P0001	600 lbs.	Navy	100 yd.	1 in.
576036	549	600 lbs.	Black	100 yd.	1 in.
576450	7166/P0001	600 lbs.	White	100 yd.	3/4 in.
576460	7166/P0001	600 lbs.	Black	100 yd.	1/2 in.
576470	7166/P0001	600 lbs.	Dark Beige	100 yd.	1 in.
576474	7166/P0001	600 lbs.	Tan	100 yd.	1 in.
576490	7166/P0001	600 lbs.	Forest Green	100 yd.	1 in.
576492	7166/P0001	600 lbs.	Victoria Blue	100 yd.	1 in.
576500	7166/P0001	600 lbs.	White	100 yd.	1 in.
576501	7166/P0001	600 lbs.	Black	100 yd.	1 in.
576503	7166/P0001	600 lbs.	Black	100 yd.	3/4 in.
576529	7166/P0001	600 lbs.	Gray	100 yd.	1 in.
576531	7166/P0001	600 lbs.	Burgundy	100 yd.	1 in.
576533	7166/P0001	600 lbs.	Orange	100 yd.	1 in.
576537	7166/P0001	600 lbs.	Light Gold	100 yd.	1 in.
576538	7166/P0001	600 lbs.	Silver	100 yd.	1 in.
576540	7166/P0001	600 lbs.	Green	100 yd.	1 in.
576541	7166/P0001	600 lbs.	Red	100 yd.	1 in.
576542	7166/P0001	600 lbs.	Yellow	100 yd.	1 in.
576543	7166/P0001	600 lbs.	Brown	100 yd.	1 in.
576551	7166/P0001	600 lbs.	Red	100 yd.	1-1/2 in.
576553	7166/P0001	600 lbs.	Blue	100 yd.	1-1/2 in.
576557	7166/P0001	600 lbs.	White	100 yd.	1-1/2 in.
576558	7166/P0001	600 lbs.	Black	100 yd.	1-1/2 in.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
576577	7166/P0001	600 lbs.	Green	100 yd.	1-1/2 in.
576596	7166/P0001	600 lbs.	White	100 yd.	2 in.
576597	7166/P0001	600 lbs.	Black	100 yd.	2 in.
576598	7166/P0001	600 lbs.	Blue	100 yd.	2 in.
576599	7166/P0001	600 lbs.	Red	100 yd.	2 in.
576601	7166/P0001	600 lbs.	Light Navy	100 yd.	2 in.
576604	7166/P0001	600 lbs.	Silver	100 yd.	2 in.
576605	7166/P0001	600 lbs.	Yellow	100 yd.	2 in.
576606	7166/P0001	600 lbs.	Green	100 yd.	2 in.
576613	7166/P0001	600 lbs.	Orange	100 yd.	2 in.
576638	7166/P0001	600 lbs.	White	100 yd.	3 in.
576639	7166/P0001	600 lbs.	Black	100 yd.	3 in.
576662	7166/P0001	600 lbs.	Dark Beige	100 yd.	2 in.
576663	7166/P0001	600 lbs.	Forest Green	100 yd.	2 in.



WEBBING – POLYPROPYLENE STYLE NO. 7390/P0002

A general-purpose webbing with many applications. Not recommended for outdoor use. Sold in full rolls only.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
576072	7390/P0002	800 lbs.	Yellow	100 yd.	1-1/2 in.
576560	7390/P0002	800 lbs.	White	100 yd.	1 in.
576561	7390/P0002	800 lbs.	Black	100 yd.	1 in.
576562	7390/P0002	800 lbs.	Green	100 yd.	1 in.
576564	7390/P0002	800 lbs.	Blue	100 yd.	1 in.
576565	7390/P0002	800 lbs.	Green	100 yd.	1 in.
576566	7390/P0002	800 lbs.	Red	100 yd.	1 in.
576567	7390/P0002	800 lbs.	Yellow	100 yd.	1 in.
576570	7390/P0002	800 lbs.	Light Navy	100 yd.	1 in.
576582	7390/P0002	800 lbs.	Black	100 yd.	1-1/2 in.
576583	7390/P0002	800 lbs.	Silver	100 yd.	1-1/2 in.
576586	7390/P0002	800 lbs.	White	100 yd.	1-1/2 in.
576589	7390/P0002	800 lbs.	Grape	100 yd.	1 in.
576594	7390/P0002	800 lbs.	White	100 yd.	2 in.
576595	7390/P0002	800 lbs.	Black	100 yd.	2 in.
576617	7390/P0002	800 lbs.	Black	100 yd.	3 in.
576618	7390/P0002	800 lbs.	White	100 yd.	3 in.
576620	7390/P0002	800 lbs.	Gray	100 yd.	1 in.
576621	7390/P0002	800 lbs.	Silver	100 yd.	1 in.
576623	7390/P0002	800 lbs.	Tan	100 yd.	1 in.
576670	7390/P0002	800 lbs.	Black	100 yd.	3/4 in.
576685	7390/P0002	800 lbs.	Forest Green	100 yd.	1-1/2 in.
576688	7390/P0002	800 lbs.	Dark Beige	100 yd.	1-1/2 in.
576692	7390/P0002	800 lbs.	Burgundy	100 yd.	1 in.
576695	7390/P0002	800 lbs.	Red	100 yd.	1-1/2 in.
576702	7390/P0002	800 lbs.	Gray	100 yd.	1-1/2 in.
576703	7390/P0002	800 lbs.	Gray Pattern	100 yd.	3/4 in.



WEBBING – LEADER

An economical webbing for heavy-duty applications. Mixed colors and shade.

ITEM #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
575131	5500 lbs.	(Mixed)	200 yd.	2 in.
575136	5500 lbs.	(Random)	200 yd.	2 in.

WEBBING – COTTON – INDO-CARBON BLACK – CLASS 3

This untreated cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. The vat dyes are fast to washing with chlorine, hot pressing, perspiration and peroxides.

ITEM #	STYLE #	MINIMUM BREAKING STRENGTH	PUT UP	WIDTH
573113	Type I	140 lbs.	100 yd.	5/8 in.
573221	Type II A	300 lbs.	60 yd.	1 in.

WEBBING – COTTON – NATURAL – CLASS 1

This untreated cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. The vat dyes are fast to washing with chlorine, hot pressing, perspiration and peroxides.

ITEM #	STYLE #	MINIMUM BREAKING STRENGTH	PUT UP	WIDTH
572113	Type I	70 lbs.	100 yd.	1/2 in.
572115	Type I	85 lbs.	100 yd.	5/8 in.
572116	Type I	100 lbs.	100 yd.	3/4 in.
572120	Type I	130 lbs.	100 yd.	1 in.
572123	Type I	190 lbs.	100 yd.	1-1/2 in.
572130	Type I	250 lbs.	100 yd.	2 in.
572216	Type II A	230 lbs.	60 yd.	3/4 in.
572220	Type II A	300 lbs.	60 yd.	1 in.
572223	Type II A	440 lbs.	60 yd.	1-1/2 in.
572230	Type II A	580 lbs.	60 yd.	2 in.
572320	Type III	550 lbs.	60 yd.	1 in.
572323	Type III	860 lbs.	60 yd.	1-1/2 in.
572330	Type III	1100 lbs.	60 yd.	2 in.
572331	Type III N	1560 lbs.	50 yd.	3 in.

WEBBING – VAT-DYED OLIVE DRAB – SHADE 7 TREATED – CLASS 4

This cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. The vat dyes are fast to washing with chlorine, hot pressing, perspiration and peroxides.

In accordance with MIL-W-530, Class 4 water, and mildew-resistant treated rolls may contain 3 pieces.

ITEM #	STYLE #	MINIMUM BREAKING STRENGTH	PUT UP	WIDTH
574321	Type III	550 lbs.	60 yd.	1 in.

WEBBING – VAT-DYED OLIVE DRAB – SHADE 7 UNTREATED – CLASS 3

This cotton webbing is manufactured in accordance with Government Specifications MIL-W-530 and MIL-T-43566. The vat dyes are fast to washing with chlorine, hot pressing, perspiration and peroxides.

ITEM #	STYLE #	MINIMUM BREAKING STRENGTH	PUT UP	WIDTH
573116	Type I	100 lbs.	100 yd.	3/4 in.
573120	Type I	130 lbs.	100 yd.	1 in.
573220	Type II A	300 lbs.	60 yd.	1 in.
573320	Type III	550 lbs.	60 yd.	1 in.
573323	Type III	860 lbs.	60 yd.	1-1/2 in.



STRAPPING – FURNITURE

Heavy cotton strapping woven for long wear and durability. Five added stitches across the width assure maximum strength. Double blue line down center for identification. A soft finish strapping designed especially for use in appliance and furniture moving industry. Won't mar polished surfaces. Sold in full rolls only.

ITEM #	STYLE #	AVERAGE BREAKING STRENGTH	COLOR	PUT UP	WIDTH
574601	W0068	975 lbs.	Natural	50 yd.	2 in.



TAPE – UNBLEACHED COTTON

An ideal low-cost tape for apron binding, tie tapes and finishing raw edges of other canvas specialties.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
572058		Heavy	Natural	72 yd.	1/2 in.
572112	B0078		Natural	100 yd.	1 in.

BRAID – NYLON/POLYESTER ELASTIC

ITEM #	STYLE #	COLOR	MATERIAL	PUT UP	WIDTH
506172	S-2500	White	Nylon	36 yd.	3/4 in.
506183	6000	Black	Polyester	36 yd.	2 in.
506197	1050	Black	Polyester	144 yd.	1 in.



TEXACRO® – HOOK AND LOOP TAPE – STANDARD BACK

Heavy-duty hook and loop fasteners. A state-of-the-art manufacturing process produces this heavy-duty hook tape with high-performance characteristics. Napped loop is specifically designed to be used with the “aggressive” TEXACRO Hook for excellent latching performance and peel and shear strength.

ITEM #	STYLE #	DESCRIPTION	BACKING	COLOR	PUT UP	WIDTH
580000	320030	Hook #70	Standard	Black	50 yd.	5/8 in.
580001	320031	Loop #71	Standard	Black	50 yd.	5/8 in.
580002	320020	Hook #70	Standard	White	25 yd.	5/8 in.
580003	320021	Loop #71	Standard	White	50 yd.	5/8 in.
580022	320022	Hook #70	Standard	White	50 yd.	3/4 in.
580023	320023	Loop #71	Standard	White	50 yd.	3/4 in.
580040	320034	Hook #70	Standard	Black	50 yd.	1 in.
580041	320035	Loop #71	Standard	Black	50 yd.	1 in.
580042	320024	Hook #70	Standard	White	50 yd.	1 in.
580043	320025	Loop #71	Standard	White	50 yd.	1 in.
580070	320036	Hook #70	Standard	Black	50 yd.	1-1/2 in.
580071	320037	Loop #71	Standard	Black	50 yd.	1-1/2 in.
580072	320026	Hook #70	Standard	White	50 yd.	1-1/2 in.
580073	320027	Loop #71	Standard	White	50 yd.	1-1/2 in.
580086	320053	Hook #70	Standard	Black	50 yd.	4 in.
580089	320058	Loop #71	Standard	Black	50 yd.	4 in.
580090	320038	Hook #70	Standard	Black	50 yd.	2 in.
580091	320039	Loop #71	Standard	Black	50 yd.	2 in.
580092	320028	Hook #70	Standard	White	50 yd.	2 in.
580093	320029	Loop #71	Standard	White	50 yd.	2 in.
580145	320906	Hook #70	Standard	Black	50 yd.	3 in.

TEXACRO® is a registered trademark of Velcro Industries B.V.

TEXACRO® – HOOK AND LOOP TAPE – ADHESIVE BACK

Heavy-duty hook and loop fasteners. A state-of-the-art manufacturing process produces this heavy-duty hook tape with high-performance characteristics. Napped loop is specifically designed to be used with the “aggressive” TEXACRO Hook for excellent latching performance and peel and shear strength.

ITEM #	STYLE #	DESCRIPTION	BACKING	COLOR	PUT UP	WIDTH
580050	320280	Hook #70	Adhesive	White	25 yd.	5/8 in.
580051	320298	Loop #71	Adhesive	White	25 yd.	5/8 in.
580052	320292	Hook #70	Adhesive	Black	25 yd.	5/8 in.
580053	320286	Loop #71	Adhesive	Black	25 yd.	5/8 in.
580056	320281	Hook #70	Adhesive	Black	25 yd.	3/4 in.
580082	320297	Hook #70	Adhesive	White	25 yd.	4 in.
580083	320303	Loop #71	Adhesive	White	25 yd.	4 in.
580084	320285	Hook #70	Adhesive	Black	25 yd.	4 in.
580085	320291	Loop #71	Adhesive	Black	25 yd.	4 in.
580094	320290	Loop #71	Adhesive	Black	25 yd.	2 in.
580095	320284	Hook #70	Adhesive	Black	25 yd.	2 in.
580096	320302	Loop #71	Adhesive	White	25 yd.	2 in.
580097	320300	Loop #71	Adhesive	White	25 yd.	1 in.
580098	320294	Hook #70	Adhesive	White	25 yd.	1 in.
580099	320296	Hook #70	Adhesive	White	25 yd.	2 in.
580103	320282	Hook #70	Adhesive	Black	25 yd.	1 in.
580104	320288	Loop #71	Adhesive	Black	25 yd.	1 in.
580105	320295	Hook #70	Adhesive	White	25 yd.	1-1/2 in.
580106	320301	Loop #71	Adhesive	White	25 yd.	1-1/2 in.
580107	320283	Hook #70	Adhesive	Black	25 yd.	1-1/2 in.
580108	320289	Loop #71	Adhesive	Black	25 yd.	1-1/2 in.
580139	320829	Loop #71	Adhesive	Black	25 yd.	3 in.

TEXACRO® is a registered trademark of Velcro Industries B.V.

VELCRO® HOOK AND LOOP FASTENERS – STANDARD BACK NYLON TAPE

A woven tape fastener consisting of two mating strips. The Hook or male section is covered with stiff little hooks. The Loop or female section is covered with tiny soft loops. When pressed together the hooks and loops engage, creating an adjustable, highly versatile and secure closure.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580151	194157	Hook #88	Loden Green	50 yd.	1 in.
580152	194205	Loop #1000	Loden Green	50 yd.	1 in.
580153	194202	Loop #1000	Beige	50 yd.	1 in.
580154	194154	Hook #88	Beige	50 yd.	1 in.
580200	191300	Hook #88	Black	50 yd.	5/8 in.
580201	194134	Hook #88	White	50 yd.	5/8 in.
580210	194144	Hook #88	Black	50 yd.	3/4 in.
580215	194145	Hook #88	Beige	50 yd.	3/4 in.
580216	194191	Loop #1000	Beige	50 yd.	3/4 in.
580220	193085	Hook #88	White	50 yd.	3/4 in.
580239	194702	Hook #88	Royal	50 yd.	1 in.
580250	194153	Hook #88	Black	50 yd.	1 in.
580251	193087	Hook #88	White	50 yd.	1 in.
580252	194705	Hook #88	Light Gray	50 yd.	1 in.
580256	193089	Hook #88	White	50 yd.	1-1/2 in.
580257	194164	Hook #88	Black	50 yd.	1-1/2 in.
580273	194178	Hook #88	Olive Green	50 yd.	2 in.
580275	194175	Hook #88	Black	50 yd.	2 in.
580276	193091	Hook #88	White	50 yd.	2 in.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580277	194579	Hook #88	Light Gray	50 yd.	2 in.
580279	194099	Hook #88	Beige	50 yd.	2 in.
580287	190806	Hook #88	White	25 yd.	4 in.
580288	190810	Hook #88	Black	25 yd.	4 in.
580300	194179	Loop #1000	Black	50 yd.	5/8 in.
580301	194096	Loop #1000	White	50 yd.	5/8 in.
580310	194190	Loop #1000	Black	50 yd.	3/4 in.
580315	197078	Hook #88	Battleship Grey	25 yd.	2 in.
580316	197077	Loop #1000	Battleship Grey	25 yd.	2 in.
580320	191301	Loop #1000	White	50 yd.	3/4 in.
580327	184468	Hook #88	White	50 yd.	3 in.
580329	195966	Hook #88	Black	25 yd.	3 in.
580339	194577	Loop #1000	Royal Blue	50 yd.	1 in.
580346	193088	Loop #1000	White	50 yd.	1-1/2 in.
580350	194098	Loop #1000	Black	50 yd.	1 in.
580351	193086	Loop #1000	White	50 yd.	1 in.
580352	194581	Loop #1000	Light Gray	50 yd.	1 in.
580356	194212	Loop #1000	Black	50 yd.	1-1/2 in.
580373	194226	Loop #1000	Olive Green	50 yd.	2 in.
580375	194223	Loop #1000	Black	50 yd.	2 in.
580376	193090	Loop #1000	White	50 yd.	2 in.
580377	194580	Loop #1000	Light Gray	50 yd.	2 in.
580379	194100	Loop #1000	Beige	50 yd.	2 in.
580387	190795	Loop #1000	White	25 yd.	4 in.
580388	190799	Loop #1000	Black	25 yd.	4 in.
580461	195967	Loop #1000	Black	25 yd.	3 in.
580462	199497	Loop #1000	White	50 yd.	3 in.

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VELCRO® HOOK AND LOOP FASTENERS – STANDARD BACK POLYESTER TAPE

A woven tape fastener consisting of two mating strips. The Hook or male section is covered with stiff little hooks. The Loop or female section is covered with tiny soft loops. When pressed together the hooks and loops engage, creating an adjustable, highly versatile and secure closure.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580229	159511	Hook #81	White	50 yd.	5/8 in.
580255	190579	Hook #81	White	25 yd.	1 in.
580265	190789	Hook #81	Black	25 yd.	2 in.
580278	190787	Hook #81	White	25 yd.	2 in.
580349	192076	Loop #009	White	25 yd.	5/8 in.
580355	190465	Loop #009	White	25 yd.	1 in.
580378	190711	Loop #009	White	25 yd.	2 in.
580700	190582	Hook #81	Black	25 yd.	1 in.
580701	190468	Loop #009	Black	25 yd.	1 in.
580702	190713	Loop #009	Black	25 yd.	2 in.
580705	172645	Hook #81	White	25 yd.	1-1/2 in.
580706	173646	Loop #009	White	25 yd.	1-1/2 in.

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VELCRO® HOOK AND LOOP FASTENERS – ADHESIVE BACK NYLON TAPE

A woven tape fastener consisting of two mating strips. The Hook or male section is covered with stiff little hooks. The Loop or female section is covered with tiny soft loops. When pressed together the hooks and loops engage, creating an adjustable, highly versatile and secure closure.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580192	196802	Hook #88	Black	25 yd.	1/2 in.
580193	196256	Loop #1000	Black	25 yd.	1/2 in.
580198	190836	Loop #1000	Black	25 yd.	5/8 in.
580209	190940	Hook #88	Black	25 yd.	3/4 in.
580258	191157	Hook #88	White	25 yd.	1-1/2 in.
580259	191166	Hook #88	Black	25 yd.	1-1/2 in.
580260	191051	Hook #88	Black	25 yd.	1 in.
580261	191033	Hook #88	White	25 yd.	1 in.
580282	191231	Hook #88	White	25 yd.	2 in.
580285	191245	Hook #88	Black	25 yd.	2 in.
580309	190911	Loop #1000	Black	25 yd.	3/4 in.
580311	190935	Hook #88	White	25 yd.	3/4 in.
580312	190899	Loop #1000	White	25 yd.	3/4 in.
580358	191129	Loop #1000	White	25 yd.	1-1/2 in.
580359	191140	Loop #1000	Black	25 yd.	1-1/2 in.
580360	190984	Loop #1000	Black	25 yd.	1 in.
580361	190959	Loop #1000	White	25 yd.	1 in.
580382	191181	Loop #1000	White	25 yd.	2 in.
580385	191195	Loop #1000	Black	25 yd.	2 in.
580460	183631	Hook #88	Black	25 yd.	3 in.
580522	190882	Hook #88	Black	25 yd.	5/8 in.
580560	183476	Loop #1000	Black	25 yd.	3 in.

VELCRO® is a registered trademark of Velcro Industries B.V.

VELCRO® HOOK AND LOOP FASTENERS – ADHESIVE BACK POLYESTER TAPE

A woven tape fastener consisting of two mating strips. The Hook or male section is covered with stiff little hooks. The Loop or female section is covered with tiny soft loops. When pressed together the hooks and loops engage, creating an adjustable, highly versatile and secure closure.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580238	155334	Hook #81	Black	25 yd.	1 in.
580380	192206/155412	Loop #009	White	25 yd.	2 in.
580524	191001/155238	Loop #009	White	25 yd.	1 in.
580525	191060/155553	Hook #81	White	25 yd.	1 in.
580526	191004/155237	Loop #009	Black	25 yd.	1 in.
580527	191254/155474	Hook #81	Black	25 yd.	2 in.
580528	196455/155476	Loop #009	Black	25 yd.	2 in.
580529	191252/155475	Hook #81	White	25 yd.	2 in.

VELCRO® is a registered trademark of Velcro Industries B.V.

VELCRO® HOOK AND LOOP FASTENERS – POLYESTER VELCRO®

A woven tape fastener consisting of two mating strips. The Hook or male section is covered with stiff little hooks. The Loop or female section is covered with tiny soft loops. When pressed together the hooks and loops engage, creating an adjustable, highly versatile and secure closure. VELCRO Brand Hook and Loop fastener tape woven from 100% polyester yarns is resistant to many chemicals and UV light.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580113	192102	Hook #81	Black	25 yd.	1-1/2 in.
580114	192101	Loop #9000	Black	25 yd.	1-1/2 in.

VELCRO® and Polyester VELCRO® are registered trademarks of Velcro Industries B.V.

VELCRO® ONE-WRAP® FASTENERS

Self-gripping fasteners, with hook on one side and loop on the other, that will attach to itself easily with solid strength and performance. An ultra-thin solution for many fastening needs, that does not require buckles, snaps, rings or other fastening devices to be added.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
580403	189590	Black	25 yd.	1 in.
580407	189661	Black	25 yd.	2 in.
580408	189645	Black	25 yd.	3/4 in.
580411	189755	Black	25 yd.	1/2 in.
580414	189699	White	25 yd.	2 in.
580437	179917	White	25 yd.	4 in.
580441	189589	Black	25 yd.	5/8 in.
580442	189662	Black	25 yd.	1-1/2 in.

VELCRO® and One-Wrap are registered trademarks of Velcro Industries B.V.

VELCRO® ONE-WRAP® FASTENERS – FLAME RETARDANT

Self-gripping fasteners, with hook on one side and loop on the other, that will attach to itself easily with solid strength and performance. An ultra-thin solution for many fastening needs, that does not require buckles, snaps, rings or other fastening devices to be added.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
580495	151504	Black	25 yd.	3/4 in.
580496	129914	Black	25 yd.	1 in.

VELCRO® and One-Wrap are registered trademarks of Velcro Industries B.V.

VELCRO® ONE-WRAP® CABLE TIE STRAPS

ITEM #	STYLE #	COLOR	SIZE
580404	170075	Black	1 in. x 8 in.
580470	161250	Black	1/2 in. x 8 in.
580471	171681	Black	1/2 in. x 10 in.
580472	170247	Black	3/4 in. x 5 in.
580473	170790	Black	3/4 in. x 6 in.
580474	170091	Black	3/4 in. x 8 in.
580475	170782	Black	3/4 in. x 12 in.
580476	170353	Black	1 in. x 12 in.

VELCRO® and One-Wrap® are registered trademarks of Velcro Industries B.V.

VELCRO® ONE-WRAP® CABLE TIE STRAPS – FIRE RETARDANT

ITEM #	STYLE #	COLOR	SIZE
580490	151503	Black	3/4 in. x 8 in.
580491	129897	Black	3/4 in. x 12 in.
580492	128528	Black	1 in. x 8 in.
580493	129899	Black	1 in. x 12 in.

VELCRO® and One-Wrap® are registered trademarks of Velcro Industries B.V.

VELCRO® HOOK AND LOOP FASTENERS – VELSTRETCH®

This stretch loop is designed to provide about 55% elongation and is a relatively high-power tape. The nylon and synthetic rubber materials used in the construction of this woven product provide moderate to high cycles in use with recommended Hook #65. The plush backing makes this tape ideal for applications where comfort and a secure fit are desired, such as soccer shin guard, and scuba diving equipment straps.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	WIDTH
580862	195521	Loop #151	Black	40 yd.	2 in.

VELCRO® and Velstretch® are registered trademarks of Velcro Industries B.V.



VELCRO® VELSTICK® SEMI-RIGID FASTENERS

A semi-rigid, high impact vinyl extrusion with VELCRO® Brand Hook or Loop Tapes permanently attached. VELSTICK Brand S.R. Fasteners were designed and developed for those applications to rigid surfaces where speed and simplicity can be accomplished with the use of staples, tacks, rivets, screws, etc., thus providing a permanent affixation. Designed for easy use, VELSTICK Brand S.R. Fasteners can be cut with scissors, drilled or punched. Ideal for use on tents, camping trailers, stationary and patio awning ties, and all kinds of marine use.

ITEM #	STYLE #	DESCRIPTION	COLOR	MATERIAL	PUT UP	WIDTH
580112		Hook	Black	Polyester	4 ft.	1 in.
580247	192596	Hook #88	Black	Nylon	4 ft.	1-3/4 in.
580254	192593	Hook #81	White	Polyester	4 ft.	1 in.
580354	192590	Loop #9000 Unnapped	White	Polyester	4 ft.	1 in.
580450	192655	Hook #88	Black	Nylon	4 ft.	1 in.
580452	192653	Loop #1000 Napped	Black	Nylon	4 ft.	1 in.

VELCRO® and VELSTICK® are registered trademarks of Velcro Industries B.V.

YKK® POWERRAIL®

YKK PowerRail is an engineered lightweight hook and rail system for wall and panel hanging and other applications. PowerRail hook fasteners provide superior holding strength and flexibility.

Since it is 40% Lighter than aluminum, YKK's PowerRail holder has high impact resistance combined with a flexible structure for use in more complex areas. The rail is easy to cut on site and safer than its sharp metal-edged competitors. The PowerRail Holder comes in 4', 5' and 6' lengths with custom colors available to match your application.

YKK's PowerRail hook features increased performance with greater holding strength, improved appearance (less likely to collect lint or debris), and easy installation no matter what size your job is. Available on 150 foot rolls, there is no need to carry an inventory of different lengths, Just cut the size you need with an ordinary pair of scissors. Unlike competing products using adhesive, YKK's PowerRail Hook utilizes a special manufacturing process that eliminates any potential delamination of the hook profile. The flexible PowerRail Hook has been custom designed to install smoothly into the rail holder every time. Custom colors and logos are available for a personalized product.

ITEM #	STYLE #	DESCRIPTION	COLOR	PUT UP	SIZE
581030		Hook		150 ft. roll	2 in.
581031	0075603	Holder	Gray	30/box	2.63 in. x 4 ft.
581032	0075604	Holder	Gray	30/box	2.63 in. x 5 ft.
581033	0075605	Holder	Gray	30/box	2.63 in. x 6 ft.

YKK® and PowerRail® are registered trademarks of YKK Corporation.



SUPER SEAMSTICK/HI-TACK ADHESIVE TAPE

Super Seamstick/-HiTack is a double-faced, acrylic-based adhesive tape that is ideal for applications where resistance to UV light and excellent performance during temperature extremes are required. Used for bonding and laminating to a wide variety of cloths, vinyls, and rigid and flexible plastics. It's also excellent for seaming Sunbrella® before stitching, and can also be used on stainless steel tubing for patterning with Canvex® pattern cloth. Leaves little or no residue on surfaces when removed.

ITEM #	STYLE #	PUT UP	WIDTH
500422		60 yd.	1 in.
500423		60 yd.	1-1/2 in.
500428		60 yd.	2 in.
500429	2263	60 yd.	1/8 in.
500430	2263	60 yd.	1/4 in.
500431	2263	60 yd.	3/8 in.
500432	2263	60 yd.	1/2 in.

TAPE – VINYL WELDING

ITEM #	COLOR	PUT UP	SIZE	WIDTH
500482	Clear	36 yd.	0.016 ga.	3/4 in.
500483	Clear	30 yd.	0.019 ga.	1-3/4 in.



TAPE – VINYL ADHESIVE WELDING

Many products not heat sealable to themselves can now be heat sealed using this tape.

ITEM #	STYLE #	DESCRIPTION	PUT UP	WIDTH
500490	4220	0.005 Adhesive	200 yd.	5/8 in.



TAPE – CURTAIN STRAPPING

This strapping is used for reinforcement while holding rolled up curtains in place. Sold in full rolls only.

ITEM #	DESCRIPTION	COLOR	PUT UP	WIDTH
500433	0.040 gauge	Clear	15 yd.	1-1/2 in.



TAPE – DOUBLE-FACED

A double-faced adhesive tape used in tacking down layers of fabric prior to sewing a seam.

Rubber Double Faced Tape

- High tack tape used when a higher initial tack is required
- Can turn slightly yellow
- Can be used with acrylic fabrics

Acrylic Double-Faced Tape

- Good initial tack
- Non-yellowing
- High long term adhesion
- Very good for all purposes including general sail seaming

ITEM #	STYLE #	MATERIAL	PUT UP	WIDTH
500467	J-351	Rubber	72 yd.	1/4 in.
500469	J-353	Rubber	72 yd.	1/2 in.
500470	J-451	Acrylic	72 yd.	1/4 in.
500471	J-452	Acrylic	72 yd.	3/8 in.
500472	J-453	Acrylic	72 yd.	1/2 in.
500473	J-455	Acrylic	72 yd.	3/4 in.
500474	J-456	Acrylic	72 yd.	1 in.



TAPE – NO. 463 SEAM

To minimize seam leakage on sewn seams of awning fabrics. The 3/4 inch wide tape is for double needle machines. The No. 463 Seam Tape is ideal for use on vinyl laminates such as Weblon®.

The adhesive transfer tape is on a paper backing. The tape should be applied on the edge of the one piece of material to be sewn. The paper backing is then peeled off, leaving the transfer tape on the material. The other piece of material to be sewn is applied on top of the adhesive transfer tape and pressed together. Then the two pieces are ready to be sewn. As the material is being sewn, the up and down movement of the needle pulls the adhesive transfer tape into the needle holes to seal them and thus minimize seam leakage.

ITEM #	STYLE #	PUT UP	WIDTH
500455	463	60 yd., 19/box	2-1/2 in.
500465	463	60 yd., 60/box	5/8 in.
500466	463	60 yd., 48/box	3/4 in.

Weblon® is a registered trademark of Herculite Products Inc.



TAPE – DOUBLE-FACED ADHESIVE

Typical applications for this double-faced acrylic foam pressure sensitive tape include body side moldings, rocker trims, and other automotive trim components. The tape is a companion to Costa Track® and is placed in the recess on the bottom of the track for temporary tacking prior to being permanently mounted.

ITEM #	STYLE #	COLOR	PUT UP	WIDTH
500403	06380-3	White	36 yd., 12/box	1/2 in.

CostaTrack® is a registered trademark of Costa Marine Canvas and Enclosures, LLC



TAPE – REINFORCING

This reinforcement tape is ideal for reinforcing tops, dodgers, enclosures and boat covers.

ITEM #	COLOR	WIDTH
500426	Clear	2 in.



TAPE – DOUBLE-FACED TRANSFER

This clear acrylic tape is used to hold the cut edge of two fabrics together prior to sewing a seam. Eliminates slippage so the seam can be sewn straight.

ITEM #	PUT UP	WIDTH
500435	72 yd.	1/4 in.
500436	72 yd.	1/2 in.
500437	72 yd.	3/4 in.

CORD – CORSAIR DIAMOND BRAID POLYESTER

The Corsair Polyester Cord features a durable cord with good strength, excellent UV and abrasion resistance, and low elongation.

ITEM #	APPROX. TENSILE STRENGTH	PUT UP	SIZE NUMBER
507150	360 lbs.	1000 ft.	3-1/2
507151	450 lbs.	1000 ft.	4
507152	750 lbs.	1000 ft.	6
507153	120 lbs.	1000 ft.	8

CORD – COTTON LACING

A braided cotton lacing cord with a high-strength, low-stretch core of filament polyester for superior strength. Can be used for awning line, lacing, drawstrings, hem lines, etc.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
507120	300 lbs.	White	7/64 in.	1500 ft.	3-1/2
507121	350 lbs.	White	1/8 in.	1500 ft.	4

CORD – CROWN COTTON

A heavy-duty, diamond-braided, cotton-blend cord with a strong synthetic fiber core.

ITEM #	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
515118	White	5/32 in.	1000 ft.	5
515119	White	3/16 in.	1000 ft.	6
515120	White	1/4 in.	1000 ft.	8

CORD – DIAMOND BRAIDED NYLON

This diamond braided nylon has high strength, excellent resistance to abrasion and good elasticity under dynamic load. It also works well in wet applications.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	PUT UP	SIZE NUMBER
518028	400 lbs.	Multicolor	1000 ft.	4
518029	450 lbs.	Black	1000 ft.	4
518030	775 lbs.	White	1000 ft.	6
518031	600 lbs.	White	1000 ft.	8

CORD – PREMIUM SASH

Cotton cover, synthetic core. General, all purpose cotton sash cord used for home, recreation and industrial jobs.

ITEM #	APPROX. TENSILE STRENGTH	CORD SIZE	PUT UP	SIZE NUMBER
506592	800 lbs.	1/4 in.	1000 ft.	8

CORD – VENETIAN BLIND

Firmly braided cotton cord with small center core.

ITEM #	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
515117	Natural	9/64 in.	1500 ft.	4.5

LINE – COLORED COTTON AWNING

Manufactured from high strength cotton yarns braided over a low stretch polyester core. A durable lustrous polish combined with popular colors makes this an extremely versatile and popular choice.

ITEM #	COLOR	PUT UP	SIZE NUMBER
519802	Black	100 yd., 16/box	4.5
519806	Forest Green	100 yd., 16/box	4.5

LINE – ULTRA AWNING

Made with a polyester core for greater strength. This braided line is glazed Grade "A" cotton for longer wearing life.

ITEM #	APPROX. WEIGHT PER TUBE	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
507122	10 lbs.	White	9/64 in.	1500 ft.	4.5
507123	12 lbs.	White	5/32 in.	1500 ft.	5
507124	14 lbs.	White	3/16 in.	1500 ft.	6
507125	17 lbs.	White	7/32 in.	1500 ft.	7
507126	26 lbs.	White	1/4 in.	1500 ft.	8

LINE – ULTRA MASON

A braided cord made of high quality cotton to assure uniform size and quality. Excellent small diameter cord for lacing windbreaks, stationaries and store awnings. Also used for drawstrings.

ITEM #	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
507130	White	7/64 in.	3000 ft.	3.5
515121	White	1/8 in.	1500 ft.	4

ROPE – DIAMOND BRAIDED POLYESTER

Polyester cord with high strength and excellent abrasion resistance. This cord has very good UV resistance. Resists acids, alkalis and moisture.

ITEM #	PUT UP	SIZE NUMBER
518606	1000 ft.	4

ROPE – SUPREME MFP BRAIDED

Multifilament solid braided polypropylene with abrasion-resistant smooth finish. Good strength with low stretch and excellent dielectric qualities. Resistant to rot, mildew, oil and most chemicals. This rope also floats.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	PUT UP	SIZE NUMBER
515517	305 lbs.	White	1000 ft.	6
515518	530 lbs.	White	1000 ft.	8
515519	800 lbs.	White	1000 ft.	10



CORD – DIAMOND BRAIDED NYLON UTILITY

Suggested uses include drawstrings, lacing cords, general utility.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
515084	490 lbs.	White	1/8 in.	3000 ft.	4
515088	400 lbs.	White	7/64 in.	3000 ft.	3-1/2

ROPE – YUKON BRAIDED COTTON

Quality glazed cotton over a synthetic core. Used mainly for awning cords. Yukon Braided Cotton Rope is easy to knot with more strength than an all-cotton product.

ITEM #	CORD SIZE	PUT UP	SIZE NUMBER
507138	9/64 in.	500 yd.	4.5
507139	5/32 in.	500 yd.	5
507140	3/16 in.	500 yd.	6
507141	7/32 in.	500 yd.	7
507142	1/4 in.	500 yd.	8



CORD – DRAWTITE COTTON

Braided fine cotton with low stretch synthetic cord. Glazed cover. Used for cotton awning lacing and window furnishings.

ITEM #	PUT UP	SIZE NUMBER
507145	500 yd.	3-1/2
507146	1000 yd.	4
507149	1000 yd.	3-1/2

LACING – WAXED LINEN

This is a small but very strong mildew-resistant waxed linen cord. Typically sold to electrical supply houses who sell it to motor shops where it is used for tying electrical harnesses. Cord size 6 meets Specification MIL-T-713, Type N, Class 1, 2 and 3.

ITEM #	APPROX. FEET PER POUND	PUT UP	SIZE NUMBER
505630	450	1 lb. tube	6



CORD – HOLLOW BRAIDED POLYPROPYLENE

A low-cost, diamond-braided cord. This cord is hollow – there is no filler core. Suggested for use as barrier rope, tie-down, general marine and hardware uses.

ITEM #	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
519131	Yellow	1/4 in.	1000 ft.	8
519132	Yellow	5/16 in.	1000 ft.	10
519134	White	3/16 in.	1000 ft.	6
519135	White	1/4 in.	1000 ft.	8
519136	White	5/16 in.	1000 ft.	10
519148	Black	1/4 in.	1000 ft.	8

CORD – DIAMOND BRAIDED MFP

Suggested uses include drawstrings, lacing cords, general utility.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	PUT UP	SIZE NUMBER
515449	250 lbs.	Black	1000 ft.	4
515450	250 lbs.	Black	3000 ft.	4



CORD – MFP SOLID BRAIDED POLYPROPYLENE

Made of white multifilament polypropylene. Resists acids, alkalis and mildew. Floats in and does not absorb water. Ends can be fused to prevent fraying. Versatile for many marine applications.

ITEM #	APPROX. TENSILE STRENGTH	CORD SIZE	PUT UP	SIZE NUMBER
515452	505 lbs.	3/16 in.	1000 ft.	6
515454	750 lbs.	1/4 in.	1000 ft.	8
515456	1250 lbs.	5/16 in.	1000 ft.	10



CORD – NEOBRAID® POLYESTER

100% high-strength polyester cord excels in awning applications and is a superb all-purpose/industrial cord. Patented InterWarp® construction withstands years of weather and sun, and does not kink, twist, or fray. Resistant to mold, oil and stains.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
519930	350 lbs.	White	1/8 in.	500 ft.	4
519931	350 lbs.	Burgundy	1/8 in.	500 ft.	4
519932	350 lbs.	Forest Green	1/8 in.	500 ft.	4
519933	350 lbs.	Charcoal Gray	1/8 in.	500 ft.	4
519936	700 lbs.	White	3/16 in.	500 ft.	6
519938	1000 lbs.	White	1/4 in.	500 ft.	8
519939	1600 lbs.	White	5/16 in.	500 ft.	10
519941	300 lbs.	Black	7/64 in.	1000 ft.	3-1/2
519944	350 lbs.	White	1/8 in.	1000 ft.	4
519945	350 lbs.	Black	1/8 in.	1000 ft.	4
519946	406 lbs.	White	9/64 in.	1000 ft.	4-1/2
519947	1000 lbs.	Black	1/4 in.	1000 ft.	8
519948	700 lbs.	Black	3/16 in.	1000 ft.	6
519949	700 lbs.	White	3/16 in.	1000 ft.	6
519950	469 lbs.	Black	5/32 in.	1000 ft.	5
519951	410 lbs.	White	9/64 in.	3000 ft.	4-1/2
519952	410 lbs.	Black	9/64 in.	3000 ft.	4-1/2
519953	700 lbs.	White	3/16 in.	3000 ft.	6
519971	350 lbs.	Burgundy	1/8 in.	1000 ft.	4
519972	350 lbs.	Forest Green	1/8 in.	1000 ft.	4
519973	350 lbs.	Charcoal Gray	1/8 in.	1000 ft.	4

Neobraid Warning: Not For Personal Safety. Working loads are for rope in good condition with appropriate splices, in non-critical applications and under normal service conditions. Do not exceed working loads without expert knowledge of conditions and professional estimates of risk. Working loads should be reduced where life, limb and valuable property are involved or with shock loads, sustained loads. Never stand in line with rope under tension or directly underneath rope under tension.

Neobraid® and InterWarp® are registered trademarks of New England Overseas Corporation.



CORD – NEOLINE® POLYESTER

100% polyester jacket and polyester/polypropylene core offers superior strength and abrasion resistance. Ideal for awnings and everyday use. Patented InterWarp® construction knots well, is weather resistant, and is twist and fray free.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
519904	220 lbs.	White	1/8 in.	500 ft.	4
519906	460 lbs.	White	3/16 in.	500 ft.	6
519907	460 lbs.	Light Beige	3/16 in.	1000 ft.	6
519908	750 lbs.	White	1/4 in.	500 ft.	8
519911	220 lbs.	Black	1/8 in.	1000 ft.	4
519912	220 lbs.	White	1/8 in.	1000 ft.	4
519913	307 lbs.	White	9/64 in.	1000 ft.	4-1/2
519915	370 lbs.	White	5/32 in.	1000 ft.	5
519916	460 lbs.	White	3/16 in.	1000 ft.	6
519917	750 lbs.	White	7/32 in.	1000 ft.	7
519918	750 lbs.	White	1/4 in.	1000 ft.	8
519922	185 lbs.	White	7/64 in.	3000 ft.	3-1/2
519923	220 lbs.	White	1/8 in.	3000 ft.	4
519924	307 lbs.	White	9/64 in.	3000 ft.	4-1/2
519926	460 lbs.	White	3/16 in.	3000 ft.	6
519960	460 lbs.	Black	3/16 in.	1000 ft.	6

Neoline Warning: Not For Personal Safety. Working loads are for rope in good condition with appropriate splices, in non-critical applications and under normal service conditions. Do not exceed working loads without expert knowledge of conditions and professional estimates of risk. Working loads should be reduced where life, limb and valuable property are involved or with shock loads, sustained loads. Never stand in line with rope under tension or directly underneath rope under tension.

Neoline® and InterWarp® are registered trademarks of New England Overseas Corporation.



CORD – SOLID BRAIDED POLYESTER

Braided of clean, high tensile strength polyester. Resists acids, alkalis and moisture. Ends can be fused to prevent fraying. Ideal for drawstrings and in hems of synthetic tarpaulins. Popular for boating and awning line.

ITEM #	APPROX. TENSILE STRENGTH	CORD SIZE	PUT UP	SIZE NUMBER
515339	310 lbs.	1/8 in.	500 ft.	4
515342	620 lbs.	3/16 in.	500 ft.	6
515344	1050 lbs.	1/4 in.	500 ft.	8
515350	200 lbs.	3/32 in.	1000 ft.	3
515351	310 lbs.	1/8 in.	1000 ft.	4
515352	425 lbs.	5/32 in.	1000 ft.	5
515353	620 lbs.	3/16 in.	1000 ft.	6
515355	1050 lbs.	1/4 in.	1000 ft.	8
515357	1600 lbs.	5/16 in.	1000 ft.	10
515358	2175 lbs.	3/8 in.	1000 ft.	12
515381	900 lbs.	3/16 in.	1000 ft.	6
518602	750 lbs.	3/16 in.	1000 ft.	6



CORD – NYLON

Cord features good abrasion resistance.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
518032	750 lbs.	White	1/8 in.	3000 ft.	4

CORD – NYLON ELASTIC

Works well in pulleys. Features excellent strength with good resistance to rot, abrasion, mildew and chemicals.

ITEM #	STYLE #	COLOR	CORD SIZE	PUT UP
506317	16448	Black	1/8 in.	300 ft.
506318	16930N	Beige	3/16 in.	500 ft.



CORD – SOLID BRAIDED NYLON

This is one of the finest quality and best performing nylon solid braided cords. Designed for marine and industrial use, the product is constructed from high tenacity 12 strand interlocking nylon fibers, and has excellent shock load absorption qualities.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
515432	450 lbs.	White	1/8 in.	1000 ft.	4
515433	750 lbs.	White	3/16 in.	1000 ft.	6
515434	1200 lbs.	White	1/4 in.	1000 ft.	8



CORD – SAXON NYLON

Industrial-grade multifilament nylon. A strong, premium product that works well with pulleys.

ITEM #	COLOR	CORD SIZE	PUT UP	SIZE NUMBER
515250	Natural	1/8 in.	1000 ft.	4
515251	Natural	3/16 in.	1000 ft.	6
515252	Natural	1/4 in.	1000 ft.	8



ROPE – ZENITH

Polyester cord with high strength and excellent abrasion resistance. This cord also has a very good UV resistance and resists acids, alkalis and moisture.

ITEM #	DESCRIPTION	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP	SIZE
519223	Bonded	400 lbs.	White	1/8 in.	1500 ft.	4
519224	Bonded	400 lbs.	Black	1/8 in.	1500 ft.	4



CORD – TWISTED S.F.T. POLYPROPYLENE

Made from fibrillated (shattered film type) or interconnected filaments. Recommended workload is 17% of breaking strength. Floats in, but does not absorb water. Very good resistance to most acids and alkalis.

ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP
515221	1130 lbs.	White	1/4 in.	1200 ft.



ROPE – 3-STRAND POLYPROPYLENE

Filament polypropylene rope with excellent strength to weight ratio. Will float because specific gravity is less than 1.0. Hand and lay is medium/soft, which makes this product easy to splice.



ITEM #	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP
516200	720 lbs.	Yellow	3/16 in.	600 ft.
516202	720 lbs.	Yellow	3/16 in.	1200 ft.
516206	1130 lbs.	Yellow	1/4 in.	1200 ft.
516208	1710 lbs.	Yellow	5/16 in.	600 ft.
516210	1710 lbs.	Yellow	5/16 in.	1200 ft.
516214	2430 lbs.	Yellow	3/8 in.	1200 ft.
516220	3780 lbs.	Yellow	1/2 in.	600 ft.
516222	3780 lbs.	Yellow	1/2 in.	1200 ft.
516224	5580 lbs.	Yellow	5/8 in.	600 ft.
516226	7650 lbs.	Yellow	3/4 in.	600 ft.
516236	720 lbs.	White	3/16 in.	600 ft.
516238	720 lbs.	White	3/16 in.	1200 ft.
516240	1130 lbs.	White	1/4 in.	600 ft.
516242	1130 lbs.	White	1/4 in.	1200 ft.
516246	1710 lbs.	White	5/16 in.	1200 ft.
516248	2430 lbs.	White	3/8 in.	600 ft.
516250	2430 lbs.	White	3/8 in.	1200 ft.
516252	3780 lbs.	White	1/2 in.	600 ft.
516254	3780 lbs.	White	1/2 in.	1200 ft.
516256	5580 lbs.	White	5/8 in.	600 ft.
516258	7650 lbs.	White	3/4 in.	600 ft.
516259	2430 lbs.	Black	3/8 in.	1200 ft.
516274	1130 lbs.	Yellow/Black	1/4 in.	600 ft.



ROPE – UNMANILA™ POLYPROPYLENE

This rope has a simulated manila look with performance durability of polyolefin. It is a fibrillated film fiber that has balanced construction, medium lay and moderate strength/moderate stretch. It is lightweight and buoyant, and exhibits good abrasion resistance and excellent hand and knotability.

ITEM #	DESCRIPTION	APPROX. TENSILE STRENGTH	COLOR	CORD SIZE	PUT UP
515218			Tan	1/4 in.	1200 ft.
516186	SFT	1370 lbs.	Tan	5/16 in.	600 ft.
516291			Tan	3/8 in.	600 ft.

Unmanila™ is a trademark of Wellington Puritan Mills, Inc.



TWINE – POLYPRO

Made from 100% fibrillated film polypropylene. An economical twine that holds knots well and is stronger than all natural fiber twines. Some sizes available in plied construction. Ideal for general tying and attaching advertising banners.

ITEM #	DESCRIPTION	PUT UP	SIZE NUMBER
515220	3-Ply (PRT NWT 20CT-SW Bulk)	10 lb. coreless tube	85
515222	1-Ply	10 lb. coreless tube	550



CORD – NYLON SHOCK

Nylon covered elastic cord of synthetic rubber. Single cover. Ideal for sewing in boat cover hems, lacing down boat covers, car luggage racks and fastening applications.

ITEM #	DESCRIPTION	CORD SIZE	PUT UP
506324		1/8 in.	300 ft.
506325		3/16 in.	150 ft.
506326		1/4 in.	150 ft.
506327		5/16 in.	150 ft.
506328		3/8 in.	100 ft.
506329	Double Cover	3/8 in.	100 ft.
506334		1/4 in.	500 ft.



CORD – SYNTHETIC SHOCK

ITEM #	COLOR	CORD SIZE	PUT UP
506489	White	1/8 in.	500 ft.
506490	White	3/16 in.	300 ft.
506491	White	1/4 in.	300 ft.
506492	White	5/16 in.	300 ft.
506493	White	3/8 in.	150 ft.
506494	White	1/2 in.	100 ft.
506497	Black	1/8 in.	500 ft.



CORD – CONE SPRING HOOKS

Stainless steel. Used for fastening ends of elastic cords.



ITEM #	STYLE #	CORD SIZE	PUT UP
506166	3	3/16 in.	100
506167	4	1/4 in.	100
506168	5	5/16 in.	100
506169	6	3/8 in.	100



CORD – HOG RING PLIERS

Fits 1/8 inch, 3/16 inch, 1/4 inch, 5/16 inch and 3/8 inch sizes of loop and end clamps.

ITEM #	STYLE #	DESCRIPTION
506150	1440AO	Opening Spring
506151	1440AC	Closing Spring



CORD – LOOP AND END CLAMPS

302 stainless steel. All looping rings are applied with clamp pliers. Used for splicing elastic cord.

ITEM #	STYLE #	CORD SIZE	PUT UP
506155	X-0	1/4 in.	620
506156	X-00	1/8 and 3/16 in.	736
506158	X-1	5/16 in.	515
506160	X-00	1/8 and 3/16 in.	100
506161	X-0	1/4 in.	100
506162	X-1	5/16 in.	100
506163	X-2	3/8 in.	100



CORD – PLIER CLAMP

ITEM #	STYLE #
506152	XX



CORD – SINGLE COVER ELASTIC

Elastic cord of synthetic rubber, designed to remain flexible and offer dependable elasticity when needed. When using any shock cords, always make sure ends are properly secured.

ITEM #	STYLE #	DESCRIPTION	COLOR	CORD SIZE	PUT UP
506340	M-3	Polypropylene Covered		3/16 in.	1000 ft.
506348	M-3 Black	Polypropylene Covered	Black	3/16 in.	300 ft.
506349	M-3	Polypropylene Covered		3/16 in.	300 ft.
506350	M-4	Polypropylene Covered		1/4 in.	150 ft.
506352	M-5	Polypropylene Covered		5/16 in.	150 ft.
506354	M-6	Polypropylene Covered		3/8 in.	100 ft.
506355	M-4	Polypropylene Covered	Black	1/4 in.	500 ft.
506356	M-5	Polypropylene Covered	Black	5/16 in.	150 ft.
506357	M-4	Polypropylene Covered	Black	1/4 in.	300 ft.
506359	4002	Polypropylene Covered		7/16 in.	250 ft.
506362		Polypropylene Covered	Pacific Blue	3/16 in.	
506363		Polypropylene Covered	White	3/16 in.	
506455	130	Cotton Covered		1/8 in.	300 ft.
506456	1122	Cotton Covered		3/16 in.	150 ft.
506458	121	Cotton Covered		1/4 in.	150 ft.
506460	312	Cotton Covered		5/16 in.	100 ft.
506462	350	Cotton Covered		3/8 in.	100 ft.
506484	MILC 5651 T-3	Cotton Covered		3/16 in.	500 ft.
506486	5	Cotton Covered		1/2 in.	100 ft.

Warning: Secure hooks to ends carefully. Do not overstretch cord more than 50% of its normal length. Sudden disconnect in a stretched position may cause serious injury. Keep face and other vulnerable parts of the body away from the rebound path of the cord. Wear Safety Glasses during tie down and disconnect. Inspect cord before use. Discard if abraded, cut or cracked. Do not use to hold any surface which reacts to wind or air movement.

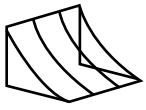
SECTION 6

REFERENCE

STANDARD AWNING AND MARINE STYLES	320
CALCULATIONS AND MEASUREMENTS	321-323
YARDAGE GUIDE AND CUTTING TABLE	324-325
INDEX	326-335
TERMS OF SALE	336-337
NOTES	338-341
CREDIT APPLICATION	

STANDARD AWNING STYLES

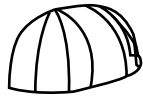
(Courtesy of Professional Awning Manufacturers Association (PAMA), a division of the Industrial Fabrics Association International)



Concave



Dome



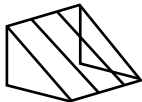
Elongated Dome



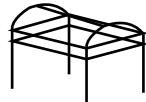
Lateral Arm/
Retractable



Quarter Round/Convex



Traditional



Rounded Entrance Canopy

STANDARD MARINE STYLES

(Courtesy of The Marine Fabricators Association)



Aft Cover



Aft Cover



Bimini Top



Dodgers



Cockpit Cover



Convertible Top



Enclosure Panel



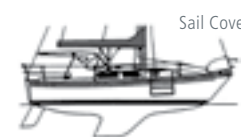
Fly Bridge Bimini



Fly Bridge Cover



Mooring Cover



Sail Cover



Windshield Cover

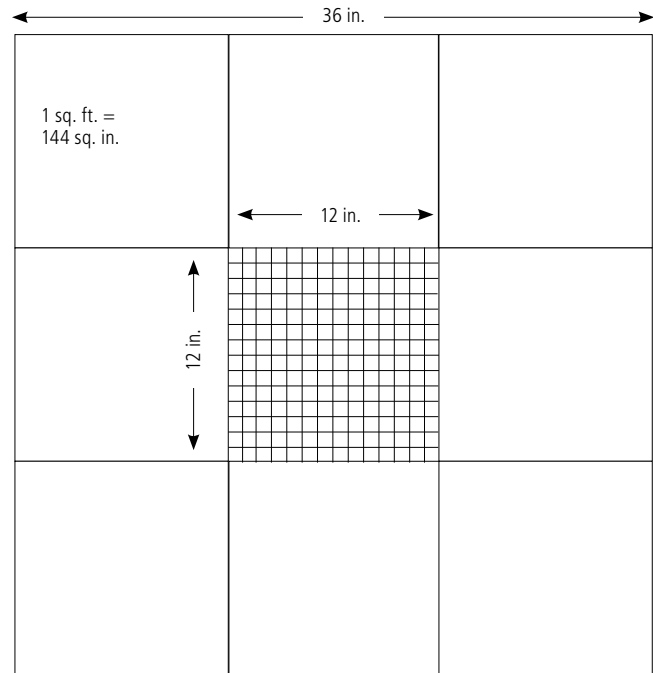
CONVERSION CHART

A Yd. of Material this Wide in In.	B Contains this Many Sq. Ft.	C Contains this Many Sq. Yds.
31	7.75	0.86
36	9.00	1.00
40	10.00	1.11
46	11.50	1.28
47	11.75	1.31
48	12.00	1.33
54	13.50	1.50
60	15.00	1.67
61	15.25	1.69
62	15.50	1.72
72	18.00	2.00
76	19.00	2.11
78	19.50	2.17
80	20.00	2.22
84	21.00	2.33
96	24.00	2.67
108	27.00	3.00

To compute the cost per sq. ft. or sq. yd., simply take the price of the goods per linear yd. and divide it by the factor in column B or C.

Handy Tips to Know

- There are 144 sq. in. per sq. ft.
- There are 9 sq. ft. per sq. yd.
- There are 1296 sq. in. per sq. yd.



Handy Tips to Know

- 1 sq. yd. = 9 sq. ft.
- 1 sq. yd. = 1296 sq. in.

COMMON CLOTH CALCULATIONS

To Find Pro Rata Price

(Knowing the price per yd. of a given width of cloth, what would be the pro rata price of the same cloth woven in another width?)

Example: If 46 in. cloth is priced at \$7.00 per yd., what would the pro rata price be in the same cloth woven 60 in. wide?

Formula:

$$\frac{\text{Known Width}}{\text{Known Price}} = \frac{\text{Desired Width}}{\text{Desired Price}}$$

Or

$$\frac{46}{\$7.00} = \frac{60}{x} : \frac{60 \times \$7.00}{46} = x : \frac{420}{46} = x = \$9.13$$

To Find Pro Rata Wt. Expressed in Oz. per Linear Yd.

(Knowing the width and oz. per linear yd. of a given cloth, what would be the wt. of the same cloth woven in another width?)

Example: What is the pro rata wt. of 36 in. 12 oz. S.F. Duck woven 44 in. wide?

Formula:

$$\frac{\text{Known Width}}{\text{Known Price}} = \frac{\text{Desired Width}}{\text{Desired Price}}$$

Or

$$\frac{36}{12} = \frac{44}{x} : \frac{12 \times 44}{36} = x : \frac{528}{36} = x = \$14.67$$

To Find Pro Rata Wt. Expressed in Yds. per Lb.

(Knowing the width and linear yds. per lb. of a given cloth, what would be the wt. of the same cloth woven in another width?)

Example: What is the pro rata wt. of 36 in. 6.15 yd. sheeting woven 45 in. wide?

Formula:

$$\frac{\text{Known Width} \times \text{Known Weight}}{\text{Desired Width}} = \text{Desired Weight}$$

Or

$$\frac{36 \times 6.15}{45} = x : \frac{221.4}{45} = x = 4.92 \text{ yd.}$$

To Find the Oz. Wt. per Linear Yd. of Number Ducks

(Knowing the number designation of a wide duck, what does it weigh in oz.?)

Example: What is the linear yd. oz. wt. of 22 in. No. 4 Duck?

Formula: 19 less the number of the Duck equals its oz. wt. in 22 in. width or: $19 - 4 = 15$ oz.

The rule-of-thumb formula holds true for all numbers of Duck, 1 through 12 inclusive. To figure 22 in. oz. wt. for Number Ducks, to 19 add one less than number. Example: 22 in. No. 7/0 wts. 25 oz. or 19 plus 6.

Having established the 22 in. oz. wt. of a number Duck, the linear yd. wt. of any other width can be determined by a pro rata calculation.

Conversion of Yds. per Lb. to Oz. per Yd.

(Knowing the wt. of a given cloth in yd. per lb., what is the wt. expressed in oz. per yd.?)

Example: What is the wt. of oz. per yd. of 37 in. 2.75 yd. drill?

Formula:

$$\frac{16 \text{ oz. (1 lb.)}}{\text{yds. per lb.}} = \text{oz. per yd.}$$

Or

$$\frac{16}{2.75} = 5.818 \text{ oz.}$$

Conversion of Oz. per Yd. to Yds. per Lb.

(Knowing the wt. of a given cloth in oz. per yd., what is the wt. expressed in yds. per lb.?)

Example: What is the wt. in yds. per lb. of 36 in. 10 oz. S.F.?

Formula:

$$\frac{16 \text{ oz. (1 lb.)}}{\text{oz. per lb.}} = \text{yds. per lb.}$$

Or

$$\frac{16}{10} = 1.6 \text{ yd. per lb.}$$

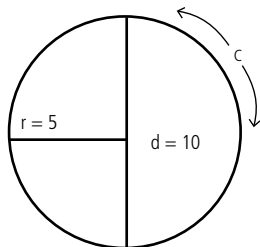
(From "Swirls on Basic Fabrics" copyright 1957)

MATHEMATICAL AIDS

To determine the cost of covering any flat surface, first compute its area in square measure. You can compute the area of almost any shape by using the following formulas. For odd shaped areas, it may be necessary to combine several of these formulas.

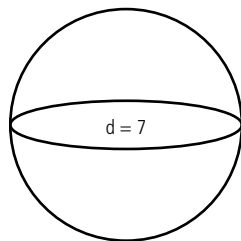
A = Area
SA = Surface Area
C = Circumference

CIRCLE
 $A = \pi r^2$
 $A = 3.1416 \times 5 \times 5$
 $A = 78.54$

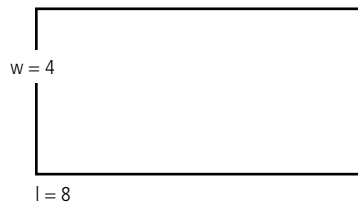


Note:
 $d = 2r$
 $c = \pi d$
 $c = 3.1416 \times 10$
 $c = 31.416$

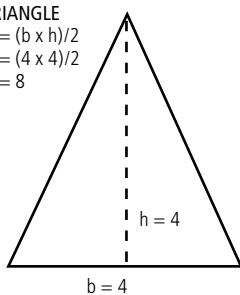
SPHERE
 $SA = \pi d^2$
 $SA = 3.1416 \times 7 \times 7$
 $SA = 153.94$



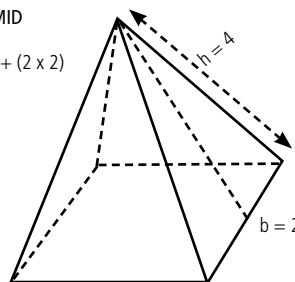
RECTANGLE
 $A = l \times w$
 $A = 8 \times 4$
 $A = 32$



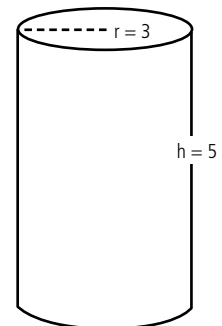
TRIANGLE
 $A = (b \times h) / 2$
 $A = (4 \times 4) / 2$
 $A = 8$



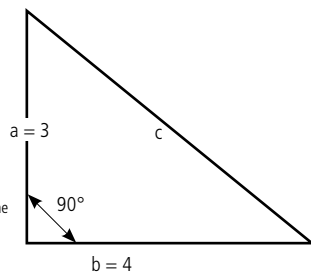
4-SIDED PYRAMID
 $SA = 2bh + b^2$
 $SA = (2 \times 2 \times 4) + (2 \times 2)$
 $SA = 20$



CYLINDER
 $SA = 2\pi r^2 + 2\pi rh$
 $SA = (2 \times 3.1416 \times 3 \times 3) + (2 \times 3.1416 \times 3 \times 5)$
 $SA = 56.55 + 94.25$
 $SA = 150.8$



PYTHAGOREAN THEOREM
 $c^2 = a^2 + b^2$
 $c^2 = (3 \times 3) + (4 \times 4)$
 $c^2 = 25$
 $c = 5$



In a right triangle, the square of the hypotenuse (the longest side) is equal to the sum of the squares of the other two sides.

Linear Measure

English	Metric
12 in. = 1 ft.	10 mm = 1 cm
3 ft. = 1 yd.	100 cm = 1 m
36 in. = 1 yd.	1000 mm = 1 m

English/Metric Equivalents

English	Metric
1 in. = 25.4 mm	1 mm = .0397 in.
1 in. = 2.54 cm	1 cm = .3937 in.
1 in. = .0254 m	1 m = 39.37 in.
1 yd. = .9144 m	1 m = 1.0936 yd.

Square Measure

English	Metric
144 sq. in. = 1 sq. ft.	100 sq. mm = 1 sq. cm
9 sq. ft. = 1 sq. yd.	10,000 sq. cm = 1 sq. m
1296 sq. in. = 1 sq. yd.	1,000,000 sq. mm = 1 sq. m

English/Metric Equivalents

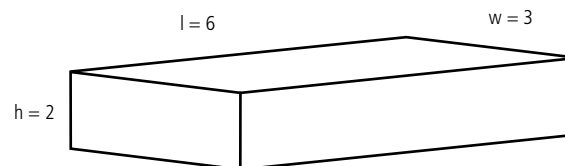
1 sq. yd. = .836 sq. m	1 sq. m = 1.196 sq. yd.
1 sq. in. = .0006451 sq. m	1 sq. m = 1550 sq. in.

Decimal Equivalents

$1/16 = .0625$	$9/16 = .5625$
$1/8 = .1250$	$5/8 = .6250$
$3/16 = .1875$	$11/16 = .6875$
$1/4 = .2500$	$3/4 = .7500$
$5/16 = .3125$	$13/16 = .8125$
$3/8 = .3750$	$7/8 = .8750$
$7/16 = .4375$	$15/16 = .9375$
$1/2 = .5000$	

RECTANGULAR PRISM

$SA = 2(lw + hl + hw)$
 $SA = 2 \times [(6 \times 3) + (2 \times 6) + (2 \times 3)]$
 $SA = 72$



YARDAGE GUIDE

Yardage of Residence Window Awnings 31 in. Material

Sum of Ht. and Projection	Width of Awning												Deduct for Each End Not Req'd.		
	2	2-6	3	3-6	4	4-6	5	6	7	8	9	10		11	12
3-0	3	3	3	3	4	4	4	5	5	6	6	7	7	8	1/4
3-6	3	3	4	4	4	5	5	5	6	6	7	7	8	8	1/4
4-0	3	3	4	4	5	5	6	6	7	8	8	9	9	9	1/4
4-6	4	4	4	4	5	5	6	6	7	8	8	9	10	10	1
5-0	4	4	5	5	6	6	7	8	8	9	10	10	11	11	1
5-6	4	4	5	5	6	6	7	8	9	10	10	11	11	11	1
6-0	5	5	5	6	6	7	7	8	9	10	11	11	12	12	1
6-6	6	6	6	7	7	8	8	9	10	11	12	13	13	14	1 1/2
7-0	6	6	7	8	8	9	9	10	11	12	13	14	15	15	2
7-6	7	7	8	9	9	10	10	11	12	13	14	15	16	17	2
8-0	8	8	8	9	9	10	10	11	12	13	14	15	16	17	2 1/2
8-6	9	9	9	10	10	11	12	13	14	15	16	17	18	19	2 1/2
9-0	9	9	10	10	11	11	12	13	14	15	16	17	19	20	3
9-6	10	10	11	11	12	12	13	14	15	16	18	19	20	21	3
10-0	10	10	11	12	12	13	14	15	16	17	18	20	21	22	3
10-6	11	11	12	12	13	14	15	16	17	18	19	21	22	23	3 1/2
11-0	12	12	13	13	14	15	16	17	18	19	20	22	23	24	4
11-6	13	13	13	14	15	16	17	18	19	20	22	23	24	25	4
12-0	13	13	14	14	15	16	17	18	20	21	23	24	25	26	4 1/2

Yardage of Residence Window Awnings 46 in. Material

Sum of Ht. and Projection	Width of Awning												Deduct for Each End Not Req'd.			
	2	2-6	3	3-6	4	4-6	5	6	7	8	9	10		11	12	
3-0	2	2	2	2	3	3	3	3	3	3	4	4	4	4	5	1/2
3-6	2	2	3	3	3	3	4	4	4	4	4	4	5	5	5	1/2
4-0	3	3	3	3	4	4	4	4	4	4	6	6	6	6	7	3/4
4-6	4	4	4	4	5	5	5	5	5	7	7	7	7	8	8	3/4
5-0	4	4	4	4	6	6	6	6	6	8	8	8	8	10	10	1
5-6	4	5	5	5	7	7	7	7	7	8	8	8	8	10	10	1
6-0	5	5	5	5	7	7	7	7	7	9	9	9	9	11	11	1 1/4
6-6	5	5	5	5	8	8	8	8	8	10	10	10	10	12	12	1 1/2
7-0	6	6	6	6	8	8	8	8	8	10	10	10	10	12	12	1 1/2
7-6	6	6	6	6	9	9	9	9	9	11	11	11	11	13	13	1 3/4
8-0	6	7	7	7	9	9	9	9	9	12	12	12	12	14	14	2
8-6	7	7	7	7	9	9	9	9	9	12	12	12	12	14	14	2
9-0	7	7	7	7	10	10	10	10	10	12	12	12	12	15	15	2
9-6	7	7	7	7	10	10	10	10	10	13	13	13	13	15	15	2
10-0	7	8	8	8	11	11	11	11	11	13	13	13	13	16	16	2 1/4
10-6	8	8	8	8	11	11	11	11	11	14	14	14	14	17	17	2 1/2
11-0	8	8	8	8	11	11	11	11	11	15	15	15	15	18	18	2 1/2
11-6	9	9	9	9	12	12	12	12	12	15	15	15	15	18	18	2 1/2
12-0	9	9	9	9	12	12	12	12	12	16	16	16	16	19	19	2 1/2

Yardage of Stationary Awnings – 31 in.

Sum of Ht. and Projection	Width of Awning																				Deduct for Each End Not Req'd.									
	12'3"	13'3"	14'3"	15'3"	16'3"	17'3"	18'3"	19'3"	20'3"	21'3"	22'3"	23'3"	24'3"	25'3"	26'3"	27'3"	28'3"	29'3"	30'3"	31'3"		32'3"	33'3"	34'3"	35'3"	36'3"	37'3"	38'3"	39'3"	40'3"
10'2"	28	30	32	33	35	36	38	40	42	44	44	47	48	50	50	53	55	57	58	59	60	61	63	64	65	66	68	69	70	3
11'2"	31	33	34	36	37	39	41	43	45	46	47	49	51	52	54	56	57	59	60	61	63	64	66	67	69	70	72	73	75	3 1/2
12'2"	33	35	37	39	40	42	44	46	48	49	51	53	55	56	57	59	61	63	65	66	68	70	72	73	75	77	79	80	82	4 1/2
13'2"	36	38	40	41	43	45	47	49	52	53	55	57	59	60	62	64	66	68	70	72	74	76	78	79	81	83	85	86	88	5 1/2
14'2"	38	40	42	44	46	48	51	53	56	58	59	61	63	65	66	68	70	72	75	77	79	81	83	85	87	89	90	92	94	6 1/2
15'2"	41	43	46	48	50	52	55	57	59	61	63	66	68	69	71	73	75	77	79	81	84	86	88	90	92	95	96	98	100	7
16'2"	43	45	48	50	52	55	57	60	62	64	66	69	71	73	75	77	80	82	85	88	90	93	95	97	100	102	104	106	108	7 1/2
17'2"	46	50	53	55	57	59	62	65	67	69	71	73	75	77	79	81	84	86	89	92	95	98	100	103	105	107	110	112	114	8
18'2"	49	53	56	59	61	64	66	68	70	74	77	81	83	86	89	92	95	98	100	103	105	107	110	113	115	118	120	123	126	8 1/2
19'2"	53	56	60	62	65	68	72	75	79	82	85	88	91	94	97	100	104	107	110	112	116	119	121	124	127	130	133	137	140	9
20'2"	56	56	63	66	69	72	75	79	82	85	88	92	95	98	100	103	106	109	112	115	118	121	124	126	129	132	135	139	143	10

Note: All yardages have been rounded off to the next higher whole number. Also, no allowance for waste figured in above.

Yardage of Stationary Awnings – 46 in.

Sum of Ht. and Projection	Width of Awning																				Deduct for Each End Not Req'd.									
	12'3"	13'3"	14'3"	15'3"	16'3"	17'3"	18'3"	19'3"	20'3"	21'3"	22'3"	23'3"	24'3"	25'3"	26'3"	27'3"	28'3"	29'3"	30'3"	31'3"		32'3"	33'3"	34'3"	35'3"	36'3"	37'3"	38'3"	39'3"	40'3"
10'2"	20	20	22	24	24	25	26	27	28	30	31	32	34	36	36	37	38	39	39	40	40	41	41	42	42	43	44	45	46	2
11'2"	22	22	23	26	27	28	31	32	33	36	37	38	39	40	41	42	43	45	46	47	48	50	50	51	52	54	54	55	57	2
12'2"	24	26	27	29	31	32	34	35	37	39	40	41	42	44	45	46	47	49	50	51	52	54	55	56	57	59	60	61	62	2 1/2
13'2"	26	27	29	31	32	34	36	37	38	39	42	43	44	46	47	48	49	51	52	53	54	56	57	58	59	61	62	63	64	3
14'2"	28	28	30	33	33	35	36	38	38	43	44	45	46	48	49	50	51	53	54	55	56	58	59	60	61	63	64	65	67	3 1/2
15'2"	30	30	32	35	35	38	40	42	43	45	46	47	48	50	51	52	53	55	56	57	58	60	61	62	63	65	66	67	69	3 1/2
16'2"	32	32	34	38	38	41	44	46	48	50	51	53	54	56	57	58	60	62	63	64	66	68	69	70	72	74	75	76	78	4
17'2"	35	35	38	41	43	45	47	49	51	53	55	56	57	59	61	62	63	65	67	68	69	70	73	74	75	77	78	79	80	4 1/2
18'2"	37	39	41	43	45	47	49	51	53	55	57	58	60	62	64	65	66	68	70	71	72	74	76	77	78	80	81	82	84	5
19'2"	39	41	43	45	46	49	52	54	56	58	60	61	63	65	67	68	69	71	73	74	75	78	80	82	83	84	85	86	87	5 1/2
20'2"	41	43	46	48	50	52	55	57	59	62	64	66	67	69	71	73	74	76	78	79	81	83	85	87	88	90	91	92	93	6

Note: All yardages have been rounded off to the next higher whole number. Also, no allowance for waste figured in above.

YARDAGE GUIDE

Yardage of Roller Awnings – 46 in. Including Ends

Sum of Ht. and Projection	Width of Awning																Deduct for Each End Not Req'd.	
	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38		40
6-0	11	11	14	14	17	17	19	19	22	22	25	25	27	27	30	30	33	1 1/2
7-0	12	12	15	15	18	18	21	21	24	24	27	27	30	30	33	33	36	1 1/2
8-0	13	13	16	16	19	19	22	22	25	25	28	28	31	31	34	34	37	2
9-0	16	16	20	20	23	23	26	26	30	30	33	33	36	36	40	40	43	3
10-0	18	18	21	21	25	25	28	28	32	32	35	35	39	39	42	42	46	3 1/2
11-0	19	19	22	22	26	26	30	30	33	33	37	37	41	41	44	44	48	3 1/2
12-0	20	20	24	24	28	28	32	32	36	36	40	40	44	44	48	48	52	4
13-0	22	22	26	26	30	30	34	34	39	39	43	43	47	47	51	51	56	4 1/2
14-0	23	23	27	27	31	31	36	36	40	40	44	44	49	49	53	53	57	4 1/2
15-0	24	24	29	29	34	34	38	38	43	43	48	48	52	52	57	57	62	5
16-0	26	26	30	30	35	35	40	40	45	45	50	50	55	55	60	60	65	5 1/2

CUTTING TABLE

Cutting Table

A reference for determining the required number of widths of material in a given length. (1 in. seam allowance per width included)

Number of Widths	31"	36"	46"	48"	62"
1	2' 6 1/2"	2' 11"	3' 9"	3' 11"	5' 1"
2	5' 1"	5' 10"	7' 6"	7' 10"	10' 2"
3	7' 7 1/2"	8' 9"	11' 3"	11' 9"	15' 3"
4	10' 2"	11' 8"	15' 0"	15' 8"	20' 4"
5	12' 8 1/2"	14' 7"	18' 9"	19' 7"	25' 5"
6	15' 3"	17' 6"	22' 6"	23' 6"	30' 6"
7	17' 9 1/2"	20' 5"	26' 3"	27' 5"	35' 7"
8	20' 4"	23' 4"	30' 0"	31' 4"	40' 8"
9	22' 10 1/2"	26' 3"	33' 9"	35' 3"	45' 9"
10	25' 5"	29' 2"	37' 6"	39' 2"	50' 10"
11	27' 11 1/2"	32' 1"	41' 3"	43' 1"	55' 11"
12	30' 6"	35' 0"	45' 0"	47' 0"	61' 0"
13	33' 1/2"	37' 11"	48' 9"	50' 11"	66' 1"
14	35' 7"	40' 10"	52' 6"	54' 10"	71' 2"
15	38' 2 1/2"	43' 9"	56' 3"	58' 9"	76' 3"
16	40' 8"	46' 8"	60' 0"	62' 8"	81' 4"
17	43' 2 1/2"	49' 7"	63' 9"	66' 7"	86' 5"
18	45' 9"	52' 6"	67' 6"	70' 6"	91' 6"
19	48' 3 1/2"	55' 5"	71' 3"	74' 5"	96' 7"
20	50' 10"	58' 4"	75' 0"	78' 4"	101' 8"
21	53' 4 1/2"	61' 3"	78' 9"	82' 3"	106' 9"
22	55' 11"	64' 2"	82' 6"	86' 2"	111' 10"
23	58' 11 1/2"	67' 1"	86' 3"	90' 1"	116' 11"
24	61' 0"	70' 0"	90' 0"	94' 0"	122' 0"
25	63' 6 1/2"	72' 11"	93' 9"	97' 11"	127' 1"
26	66' 1"	75' 10"	97' 6"	101' 10"	132' 2"
27	68' 7 1/2"	78' 9"	101' 3"	105' 9"	137' 3"
28	71' 2"	81' 8"	105' 0"	109' 8"	142' 4"
29	73' 8 1/2"	84' 7"	108' 9"	113' 7"	147' 5"
30	76' 3"	87' 6"	112' 6"	117' 6"	152' 6"
31	78' 9 1/2"	90' 5"	116' 3"	121' 5"	157' 7"
32	81' 4"	93' 4"	120' 0"	125' 4"	162' 8"
33	83' 10 1/2"	96' 3"	123' 9"	129' 3"	167' 9"
34	86' 5"	99' 2"	127' 6"	133' 2"	172' 10"
35	88' 11 1/2"	102' 1"	131' 3"	137' 1"	177' 11"
36	91' 6"	105' 0"	135' 0"	141' 0"	183' 0"
37	94' 1/2"	107' 11"	138' 9"	144' 11"	188' 1"
38	97' 6"	110' 10"	142' 6"	148' 10"	193' 2"
39	99' 1 1/2"	113' 9"	143' 3"	152' 9"	198' 3"
40	101' 8"	116' 8"	150' 0"	156' 8"	203' 4"

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YKK® Vislon® VFUVOL107TX No. 10 Separating Zipper With Automatic Lock – Double-Pull Plastic Slider 266

YKK® Vislon® VSOL56 No. 5 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider 267

YKK® Wheel Locks 213

YKK® Ziplon® CFOR-105 DWL No. 10 Separating Zipper Non-Locking – Double Pull Metal Slider 268

YKK® Ziplon® CFOR-106 DA E No. 10 Separating Zipper with Automatic Lock – Single Pull Metal Slider 268

YKK® Ziplon® Sliders – Metal 259

YKK® Ziplon® Ziplon Chain (CF) 260

YKK® Zippy Cool® 269

Z

Zipper Tools – Zipper Jig 260

Zipper Tools – Zipper Stop 260

Zipper – YKK® Vislon® VFUVOL-106 DA E No. 10 Separating Zipper With Automatic Lock – Short Single Pull Metal Slider 263

Zipzap Lubricants 269

Terms of Sale

Limited Warranties

Trivantage, LLC warrants that goods sold by it shall be free from defects in material and workmanship and will conform to applicable specifications and drawings. Trivantage, LLC's liability, whether based on breach of warranty or contract, negligence in manufacture, or otherwise shall be limited to replacement or repair (at Trivantage, LLC's election) of the defective or nonconforming goods, or (at Trivantage, LLC's election) refund of the purchase price thereof. This warranty shall apply, and Trivantage, LLC shall be liable for replacement, repair or refund, only if Buyer has given Trivantage, LLC written notice of the defect or nonconformity within 180 days after delivery of such goods to Buyer. Trivantage, LLC assumes no liability for results of the use of goods purchased from Trivantage, LLC, including, without limitation, their use in combination with other components, assemblies or products, or their suitability or unsuitability for a particular use or a particular environment. Trivantage, LLC makes no warranty of merchantability as to goods designated as seconds, goods otherwise designated as not of first quality, or goods identified to Buyer as being of foreign origin. Unless specifically indicated to the contrary, goods sold are not fire retardant and should not be exposed to intense heat or flame. Unless specifically indicated to the contrary, goods sold are not water resistant or waterproof. Trivantage, LLC neither undertakes to independently test nor makes any representation or warranty with respect to any manufacturer's claims for performance for its products, including the claims of a manufacturer that its product is fire retardant, water resistant or waterproof. Any warranty given by any other manufacturer or supplier of goods sold or of component parts thereof is assigned by Trivantage, LLC to the Buyer to the extent permissible under law and the terms of such warranty. **THE FOREGOING CONSTITUTES THE SOLE AND EXCLUSIVE WARRANTY OF TRIVANTAGE, LLC AND THE SOLE AND EXCLUSIVE REMEDY OF THE BUYER, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR THE PURPOSE SOLD, DESCRIPTION, QUALITY OR ANY OTHER MATTER. WITHOUT LIMITING THE FOREGOING, TRIVANTAGE, LLC SHALL IN NO EVENT BE LIABLE FOR LOSS OF USE OR PROFIT, OR FOR OTHER COLLATERAL, INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES.**

Orders - Acceptance, Modification and Cancellation

All orders are subject to acceptance at Trivantage, LLC's executive offices or a sales office of Trivantage, LLC, and when so accepted shall constitute a contract that will be governed by and construed in accordance with the laws of the State of North Carolina. All orders are accepted subject to these Terms of Sale and subject to approval by Trivantage, LLC of the Buyer's credit at the time of shipment. Trivantage, LLC's acceptance of an order is conditioned upon the waiver by Buyer of any terms and conditions which differ from, vary from, or add to, these Terms of Sale, which shall constitute the entire agreement of the parties as to the subject matter hereof. The specifications applicable to goods sold by Trivantage, LLC shall be Trivantage, LLC's specifications, unless Buyer shall have furnished different specifications and Trivantage, LLC shall have agreed in writing to such specifications. Trivantage, LLC reserves the right to make changes or substitutions in the items ordered without the prior approval of or notification to the Buyer, as long as such changes do not adversely affect form, fit or function requirements. Orders may not be altered or modified by the Buyer except with the written consent of Trivantage, LLC. Trivantage, LLC, at its option, may cancel all or the remaining unfilled portion of any blanket or continuing order if (a) Buyer's payments are in default; (b) Buyer breaches any material provision of Trivantage, LLC's Terms of Sale; (c) substantial changes in materials or supplies occur; (d) causes beyond Trivantage, LLC's control make it impossible to ensure shipment; (e) Buyer becomes insolvent or is subject to a petition in bankruptcy; or (f) Trivantage, LLC withdraws its credit approval. The Buyer may cancel the remaining unfilled portion of any blanket or continuing order upon written notice to Trivantage, LLC and payment of reasonable cancellation charges, which charges shall take into account goods already produced or in process, expenses incurred by Trivantage, LLC in connection with the order, and commitments made by Trivantage, LLC, as a consequence of the order; provided, however, that the cancellation charges shall not exceed the purchase price of the cancelled portion of the order.

Price and Terms

ALL QUOTED PRICES ARE BASED ON THE CURRENT NET WHOLESALE PRICES IN U.S. FUNDS PREVAILING AT THE TIME OF QUOTATION. ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE AND THE PRICE CHARGED WILL BE THAT IN EFFECT AT THE TIME OF SHIPMENT. The minimum order charge may apply. The catalog indicates standard units of packaging.

Unless otherwise agreed in writing, terms are net thirty (30) days, F.O.B. shipping point, subject to approval by the Trivantage, LLC credit department. Customers without established credit approval from Trivantage, LLC should remit payment with the order, or instruct Trivantage, LLC to ship C.O.D. A service charge of 1-1/2% per month (18% per annum) or the maximum amount allowed by applicable law will be added to all past due invoices. Buyer is responsible for payment of all applicable sales, use or other taxes, whether local, state or federal, with respect to the goods purchased, or returning to Trivantage, LLC the properly completed and signed sales tax exemption form. Buyer is responsible for any import or export charges.

Shipping, Delivery and Return

Trivantage, LLC shall not be liable for delays in production or delivery due to causes beyond its control, including but not limited to acts of God, acts of Buyer, acts of civil or military authorities, priorities, fires, strikes, floods, epidemics, quarantines, war, delays in transportation and inability due to causes beyond Trivantage, LLC's control to obtain necessary labor, materials or manufacturing facilities. A shipping date given by Trivantage, LLC is an estimated date. In no event shall Trivantage, LLC be liable to the Buyer for loss of use or profit or any other collateral, incidental, punitive, special or consequential damages resulting from delays in production or delivery, whether or not due to causes beyond Trivantage, LLC's control.

Trivantage, LLC will use its best judgment in packaging, packing, shipping and routing unless Buyer gives specific instructions with its order. In the event of shortage or damage incurred enroute, Buyer must make its complaint to the delivering transportation agency and file a claim against such agency. In the event of a shortage in packing, any claim against Trivantage, LLC must be made in writing within ten (10) days of receipt of the merchandise. All shipments are made F.O.B. shipping point, unless otherwise agreed to in writing by Trivantage, LLC. Trivantage, LLC's responsibility for delivery ends with a signed bill of lading from the carrier. All risk of loss after Trivantage, LLC's delivery to the carrier shall be borne by the Buyer.

Authorization must be obtained from Trivantage, LLC prior to return of any goods for repair, replacement, or credit. Trivantage, LLC shall have the right, prior to return, to inspect any goods claimed to be defective or nonconforming. All returned shipments authorized by Trivantage, LLC shall be prepaid by Buyer. Unless Trivantage, LLC determines, upon inspection of returned goods, that the goods were defective or nonconforming, a \$15.00 or 15% handling charge (whichever is greater) will be imposed on the Buyer. No claims on fabric will be allowed, whether the goods are conforming or not, if the goods have been cut. If a pattern or color match is desired, a swatch of the pattern or color required must be submitted with the order. In no event shall Buyer be entitled to any right of set-off against Trivantage, LLC.

Miscellaneous

If any goods or services ordered by Buyer are supplied by Trivantage, LLC in accordance with designs or specifications of the Buyer, and such goods are not Trivantage, LLC's standard items or supplied in accordance with Trivantage, LLC's standard processes, Buyer shall indemnify Trivantage, LLC from any expense, loss, damage or liability which may be incurred by Trivantage, LLC on account of any infringement or alleged infringement of any U.S. or foreign patent rights with respect to such goods or processes. The sale of goods by Trivantage, LLC does not convey a license, express or implied, under any patent in which Trivantage, LLC has an interest, nor does it convey rights to any descriptive data, including Trivantage, LLC's manufacturing drawings, processes or tooling.

THE PARTIES AGREE THAT THIS AGREEMENT, ANY SALES THERE UNDER, OR ANY CLAIM, DISPUTE OR CONTROVERSY (WHETHER IN CONTRACT, TORT, OR OTHERWISE, WHETHER PREEXISTING, PRESENT OR FUTURE, AND INCLUDING STATUTORY, COMMON LAW, AND EQUITABLE CLAIMS) BETWEEN TRIVANTAGE, LLC AND BUYER arising from or relating to this agreement, its interpretation, or the breach, termination or validity thereof, the relationships which result from this agreement, or any related purchase SHALL, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, BE GOVERNED BY THE LAWS OF THE STATE OF NORTH CAROLINA, WITHOUT REGARD TO CONFLICTS OF LAWS RULES.

Buyer irrevocably submits to the exclusive jurisdiction of the state and federal courts of the State of North Carolina for the resolution of any legal action arising out of this Agreement and irrevocably agrees that venue for such legal action shall lie exclusively in Alamance County, North Carolina, for any state court action, or in the Middle District of North Carolina for any action instituted within the federal court system.

Any provision hereunder that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

If the goods purchased are to be used in fulfilling a contract or a subcontract either with the U.S. Government or any agency thereof, Trivantage, LLC will comply with all mandatory provisions of the Government applicable to Trivantage, LLC if and only if Buyer gives Trivantage, LLC written notice of such provisions in sufficient time to permit compliance. In addition, Trivantage, LLC may, at its option, adopt any provisions of the Armed Services Procurement Regulations or other federal laws or regulations applicable to or made available to subcontractors in the prime contract.

CREDIT APPLICATION

Trivantage®, LLC 1831 North Park Avenue, Glen Raven, NC 27217 Phone (336) 227-6211

Company's Legal Name _____ Trade Name, If Different _____

Mailing Address _____

City _____ State _____ Zip Code _____

Phone No. _____ Fax No. _____

Federal ID No. _____ D&B No. _____

Shipping Address, If Different _____

City _____ State _____ Zip Code _____

Nature of Business _____ Yrs. in Business _____ No. of Employees _____

Annual Sales \$ _____ Sales Tax Taxable Exempt (If exempt, please attach your sales tax exemption certificate.)

Do You Own Building Rent/Lease Landlord _____ Phone No. _____

Type of Account Requested

Credit Card C.O.D./Certified C.O.D./Check Net 30 Days Line of Credit Desired \$ _____

Principal Owners/Officers (Please furnish complete addresses.)

Name	Title	Home Address	Home Phone No.
1. _____			
2. _____			
3. _____			
4. _____			

Commercial Credit References (Please furnish complete addresses.)

Business Name	Contact	City/St	Phone No.	Fax No.
1. _____				
2. _____				
3. _____				
4. _____				

Bank Reference

Name of Bank _____ Phone No. _____ Fax No. _____

Address _____

City _____ State _____ Zip Code _____

Account Manager _____ Loan Account No. _____

Checking Account No. _____ Savings Account No. _____

Please see bottom of last page for submission information

GENERAL PROVISIONS

This application and the information herein is a request for the extension of credit for commercial business use only and applicant certifies that the firm he or she represents is doing business as a [] Corporation, [] LLC, [] Partnership, or [] Sole Proprietorship (check one). The applicant authorizes the above named creditor to obtain a written or oral credit report from any credit reporting agency. The applicant further authorizes any bank or commercial business with whom the applicant is doing or has done any type of business to give any and all necessary information to the creditor which will assist the creditor in the credit investigation. The applicant further authorizes the creditor to reinvestigate the applicant's credit status from time to time as the creditor deems necessary, and should creditor, upon such reinvestigation, deem it necessary, to limit or terminate the credit arrangement with said applicant.

Upon credit approval, terms are Net 30 days. Applicant agrees to pay any and all finance charges assessed at the rate of 1-1/2% per month (18% per annum, or such other amount permitted by applicable law), for late payment of any invoice. Applicant agrees to pay for all collection and/or attorney fees, related costs and subsequent interest charges for any balance placed for collection. Applicant further agrees to the creditor's Terms of Sale, a copy of which was included with this credit application. Should applicant, at some future time, deviate from the creditor's terms, said creditor reserves the right to terminate future extension of credit to applicant. If applicant's account should become delinquent or exceed the established credit limit set by creditor, orders are subject to being shipped C.O.D. or held until payment is received by creditor to bring applicant's account to a current status. If there is any change in the status of the applicant (name, address, principals, tax number, etc.), notification in writing must be made to the creditor and a new credit application may have to be completed.

Company Name _____
Owner/Officer Signature _____
Title _____
Date _____

PERSONAL GUARANTEE

I, _____, residing at _____,
_____, in order to induce Trivantage, LLC ("Trivantage"), of Glen Raven, NC, to extend credit
(Name of Guarantor)
to _____ (the "Company") hereby guarantee to Trivantage the prompt payment, when due, of every claim
(Name of Company)
of Trivantage which presently exists or which may hereafter arise in favor of Trivantage against the Company. This is a continuing guaranty and shall remain in force until revoked by me by notice in writing to Trivantage, but such revocation shall be effective only as to claims of Trivantage which arise out of transactions entered into after its receipt of such notice. This obligation shall cover the renewal of any claims guaranteed by this instrument or extensions of time of payment thereof, and shall not be affected by any surrender or release by Trivantage (in whole or in part) of any claim or of other security held by it for any claim guaranteed. In the event of default of the Company in making payment on any claims of Trivantage when due, I agree, without Trivantage first having to proceed against the Company, to pay on demand all sums due and to become due to Trivantage from the Company, and all losses, costs, attorney's fees, or expenses which Trivantage might suffer by reason of the Company's default.

In witness whereof I have signed on _____ 20_____, _____,
(Date) (Signature of Guarantor)

(Signature of Witness #1) (Signature of Witness #2)

In order to process this credit application, all information must be completed. Please allow two weeks for the processing of your application. Return to your local Trivantage Distribution Center listed below.

City of Industry, CA · Fax: 888-804-9751 Hayward, CA · Fax: 800-767-9398 Colorado · Fax: 800-895-2719
Miami, FL · Fax: 800-735-6770 Georgia · Fax: 800-743-3469 Illinois · Fax: 800-776-9483
Missouri · Fax: 800-659-1937 New Jersey · Fax: 800-488-4968 North Carolina · Fax: 888-867-1337
Ohio · Fax: 800-473-5034 Texas · Fax: 800-829-3797 Washington · Fax: 253-398-3640

FOR TRIVANTAGE USE ONLY

Credit Approved: [] Yes [] No Approval _____ Date Approved _____
Type of Credit Approved: [] C.O.D./Cash [] C.O.D./Check [] Net 30 Days Credit Line \$ _____

CORPORATE OFFICE

1831 North Park Avenue
Glen Raven, NC 27217-1100
(800) 786-1876
www.trivantage.com

DISTRIBUTION CENTERS UNITED STATES

Hayward, CA (800) 786-7607
City of Industry, CA (800) 841-0555
Denver, CO (800) 786-7609
Miami, FL (800) 786-7605
Lithia Springs, GA (800) 786-7606
Elmhurst, IL (800) 786-7608
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Somerset, NJ (800) 786-7602
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