

FR Comshade®

PREMIUM FLAME RETARDANT KNITTED SHADECLOTH



Protecting people just like you

New FR Comshade™ has a next generation FR additive and is registered by the California State Fire Marshal. 100% Lead-Free for safety and 150" wide for efficiency, now there is a premium FR shade cloth that will protect people like you – and your kids – for years to come.



FR Comshade®

PREMIUM FLAME RESISTANT KNITTED SHADECLOTH



Playgrounds



Schools and kindergartens



FR Comshade® is a premium shadecloth, registered by the California State Fire Marshal

After two years of development, and having passed the rigid testing required by the California State Fire Marshal (per Title 19, Section 1237.1; Original State, after 72 hours Leaching and after 100 hours Weathering) as well as long-term accelerated weathering, Polyfab USA LLC is proud to announce that our newly re-developed FR Comshade will soon be available from Polyfab distributors across the Americas.

Next Generation FR Additive

The original **FR Comshade®** was developed by Polyfab Australia over 12 years ago, and was the first HDPE shadecloth to meet California State Fire Marshal requirements. After a long effort to redevelop the product with currently available ingredients, we were able to find a "new generation" FR additive that is environmentally safe and less aggressive against the UV inhibitors. Because of this, we are able to offer a 10-year Limited Warranty.

Fire Standard Compliance.

FR Comshade® meets the following fire standards:

California State Fire Marshal Flame Resistance Title 19, Section 1237.1
(Original State, after 72 hours Water Leaching and after 100 hours Weathering)

NFPA 701-2015 Test Method 1
NFPA 701-2015 Test Method 2

Technical Specifications

		WARP	WEFT
Breaking Force (per ASTM D-5034)	lbs	184	381
Elongation at Break (per ASTM D-5034)	%	77	47
Tearing strength (per ASTM D-751-06)	lbs	21	24
Mullen Burst (per ASTM D-751-06)	psi	face	415



Public areas

FR Comshade® is available in 7 designer colors.



*Representation only

Available in 12.5 feet (width) x 33 yards (length)
center folded rolls

Average weight: 8.25 oz. per square yard

Product Disclaimers:

- The above information represents the results sourced from third party testing authorities, and tolerances may vary by as much as 10%.
- The Manufacturer reserves the right to alter or modify product specifications and colors without notice, and assumes no obligation or liability for the suitability and use of its products other than those applications intended by the manufacturer.
- Colors shown may not be an exact representation of the actual product.
- Outdoor fabrics are subject to harsh conditions and degradation over time is to be expected. **FR Comshade®** is supported with a 10 year limited warranty. During this period the fabric will remain serviceable and fit for purpose. Color fading is normal over time. Colors containing red and yellow pigments have a tendency to fade more than others. This is not a loss of strength caused by UV breakdown and is not covered by the product warranty. For more details refer to the supporting Polyfab product warranty.
- Polyfab USA assumes no liability in the event of negligent installation /fabrication or application or choice of cloth.
- During installation, Polyfab shadecloth should not be subject to "pre-stressed" loading in excess of 20%.



www.PolyfabUSA.com