



Commercial 95® is a high-quality knitted shade fabric designed for tension structures, awnings and shade covers specifically for commercial architectural applications; supplied in bulk rolls.

PERFORMANCE

ASTM D5034

Tensile Strength and Elongation Maximum

Force – Warp (Mean)	158.6 lbf
Elongation at Maximum Force – Warp (Mean)	89 %
Maximum Force – Weft (Mean)	412.3 lbf
Elongation at Maximum Force (Mean)	49%

ASTM D2261

Tearing Strength – Tongue (Single Rip)

Mean Force – Warp	39.6 lbf
Mean Force – Weft	43.0 lbf

ASTM D6797

Bursting Strength – Ball Burst (Constant Rate of Extension)

Mean Force	408 lbf
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(AS 4174:2018) Shade Protection Fabric Performance

Colour	Cover Factor	Shade Factor	UV-Vis Trans %	UVR Trans %	UVR Block %	UVE %	Protection Category
Aquamarine	93	87.3	12.7	6.7	93.3	92	Very Effective
Aquatic Blue	92	88.1	11.9	8.5	91.5	91	Very Effective
Black	95	94.8	5.2	5.0	95.0	94	Very Effective
Blue Bird	94	90.4	9.6	5.8	94.2	93	Very Effective
Bright Green	90	87.3	12.7	9.0	91.0	90	Effective
Brunswick Green	93	92.9	7.1	6.4	93.6	92	Very Effective
Charcoal	93	93.6	6.4	6.1	93.9	92	Very Effective
Cherry Red	90	80.0	20.0	10.0	90.0	90	Effective
Deep Ochre	91	90.5	9.5	8.3	91.7	90	Effective
Driftwood	95	89.0	11.0	5.4	94.6	94	Very Effective
Desert Sand	93	86.1	13.9	6.6	93.4	92	Very Effective
Gun Metal	96	94.5	5.5	3.5	96.5	96	Most Effective
Natural	94	78.3	21.7	6.5	93.5	92	Very Effective
Navy Blue	94	93.1	6.9	6.2	93.8	93	Very Effective
Orange	92	80.8	19.2	7.6	92.4	91	Very Effective
Rivergum Green	94	89.7	10.3	6.0	94.0	93	Very Effective
Sky Blue	94	91.3	8.7	6.0	94.0	93	Very Effective
Steel Grey	92	89.7	10.3	7.6	92.4	91	Very Effective
Stone	92	80.3	19.7	8.1	91.9	91	Very Effective
Turquoise	94	89.5	10.5	6.6	93.4	93	Very Effective
White	95	76.5	23.5	5.4	94.6	94	Very Effective
Yellow	93	77.5	22.5	6.8	93.2	92	Very Effective

- Trusted name in Commercial knitted fabric with over 25 years of market usage in the world's harshest conditions
- Manufactured with 100% virgin grade polymers ensuring fabric consistency and performance
- Strong HDPE results in a fabric that is recyclable and won't rot or absorb moisture.
- Stentered (heat-set) to reduce shrinkage once installed and for ease of fabrication.
- Full 15-year UV degradation warranty on fabric.
- 100% Lead, Phthalate and PFAS free
- Greenguard® and Oeko-Tex® certified

FABRIC PROPERTIES

(AS 2001.2.13) mass per unit

Nominal fabric mass 10 oz / yd², 340 gsm ± 20

Approximate thickness 0.6 in. / 1.6 mm

ROLL SPECIFICATIONS

Nominal width: 9 ft. 10in. / 3.0m (folded)

Length: 131 ft. 3 in. / 40m

Approx. roll weight: 97 lbs. / 44 kg

Approx. roll diameter: 1.05 ft / 0.32 m

Core diameter: 1.38 in. / 35 mm

USAGE INSTRUCTIONS

Do not use against flames.

Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

Biaxial elastic material properties available on request.

SUGGESTED SPECIFICATION

Shade cloth fabric shall be compliant to Australian standard AS 4174:2018 and shall be GALE Pacific Commercial 95 Knitted HDPE monofilament & tape shade fabric offering a UVE Protection Category of up to "Most Effective".

FLAMMABILITY

CSFM Title 19 1237.1

NFPA 701 Test Methods 1 & 2

ASTM E84 19B

Each color individually tested and passes all certification criteria for above. Test results available upon request.



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The above results are typical averages from quality assurance testing and are not to be taken as a minimum specification nor as forming any contract between GALE Pacific and another party. Due to continuous product improvement product specifications are subject to alteration without notice. As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.