



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.

- 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

ASTM E84 19B Class A

PERFORMANCE

ASTM D5034

Tensile Strength and Elongation Maximum
Force – Warp (Mean) 189.1 lbf
Elongation at Maximum Force – Warp (Mean) 103.67 %
Maximum Force – Weft (Mean) 462.3 lbf
Elongation at Maximum Force (Mean) 63%

ASTM D2261

Tearing Strength – Tongue (Single Rip)
Mean Force – Warp 52.2 lbf
Mean Force – Weft 52.2 lbf

ASTM D6797

Bursting Strength – Ball Burst (Constant Rate of Extension)
Mean Force 422 lbf

(AS 4174:2018) Shade Protection Fabric Performance

Colour	Cover Factor	Shade Factor	UV-Vis Trans %	UVR Trans %	UVR Block %	UVE %	Protection Category
Aquamarine	95	89.5	10.5	4.9	95.1	95	Most Effective
Aquatic Blue	92	85.6	14.4	8.9	91.1	91	Very Effective
Black	94	94.6	5.4	5.2	94.8	93	Very Effective
Blue Bird	95	91.2	8.8	4.7	95.3	95	Most Effective
Bright Green	92	88.6	11.4	7.5	92.5	91	Very Effective
Brunswick Green	94	93.8	6.2	5.3	94.7	93	Very Effective
Charcoal	93	93.1	6.9	6.6	93.4	91	Very Effective
Cherry Red	91	78.4	21.6	8.8	91.2	91	Very Effective
Deep Ochre	94	92.8	7.2	5.4	94.6	93	Very Effective
Driftwood	95	90.0	10.0	5.1	94.9	94	Very Effective
Desert Sand	94	86.1	13.9	6.2	93.8	93	Very Effective
Gun Metal	93	91.4	8.6	6.8	93.2	92	Very Effective
Natural	93	76.2	23.8	6.9	93.1	92	Very Effective
Navy Blue	94	93.6	6.4	5.6	94.4	93	Very Effective
Orange	93	80.6	19.4	6.0	94.0	93	Very Effective
Rivergum Green	93	88.7	11.3	7.1	92.9	92	Very Effective
Sky Blue	92	89.0	11.0	7.8	92.2	91	Very Effective
Steel Grey	94	90.9	9.1	5.7	94.3	93	Very Effective
Stone	94	89.3	10.7	5.7	94.3	94	Very Effective
Turquoise	92	86.0	14.0	8.5	91.5	91	Very Effective
White	93	73.9	26.1	7.1	92.9	92	Very Effective
Yellow	95	77.6	22.4	4.5	95.5	94	Very Effective



ADVANCED TEXTILES ASSOCIATION



AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS



STANDARD 100

12.HUS.15194 HOHENSTEIN HTTI



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