



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.

- Strong HDPE 100% recyclable fabric won't rot or absorb moisture.
- Stentered (heat-set) to reduce shrinkage and for ease of fabrication.
- 10-year UV degradation warranty on fabric.
- 100% Lead and Phthalate free
- Greenguard® and Oeko-Tex® certified

FABRIC PROPERTIES

(AS 2001.2.13) mass per unit

Nominal fabric mass	340 gsm ± 20
Approximate thickness	1.6 mm

ROLL SPECIFICATIONS

Nominal width:	3.0m (folded)
Length:	40m
Approx. roll weight:	44 kg
Approx. roll diameter:	0.32 m
Core diameter:	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 and shall be GALE Pacific Commercial 95 knitted HDPE monofilament & tape shade fabric offering a UV block up to 97%.

FLAMMABILITY

Part 2 & 3 certificates available on request
(AS 1530.2) Part 2 - Flammability of Materials
Flammability Index (Range 0-100) 12
(AS 1530.3) Part 3 - Simultaneous determination of ignitability, flame propagation, heat and smoke release

Ignitability Index (Range 0-20)	15
Spread of Flame Index (Range 0-10)	8
Heat Evolved Index (Range 0-10)	8
Smoke Developed Index (Range 0-10)	9

PERFORMANCE

(AS 2001.2.3.1-2001) Maximum Force and Elongation - Strip Method

Maximum Force – Warp (Mean)	570 N/50mm
Elongation at Maximum Force – Warp (Mean)	96 %
Maximum Force – Weft (Mean)	2300 N/50mm
Elongation at Maximum Force (Mean)	72 %

(AS 2001.2.3.2-2001) Breaking Force - Grab Test

Breaking Force – Warp (Mean)	920 N
Breaking Force – Weft (Mean)	1900 N

(AS 2001.2.10-1986) Tear Resistance – Wing Rip Method

Wing Tear – Warp (mean)	187 N
Wing Tear – Weft (mean)	359 N

(AS 2001.2.4) Bursting Pressure – Hydraulic Diaphragm Method

Bursting Pressure (mean)	3400 kPa
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(AS 2001.2.19-1988) Bursting Force – Ball Burst Method

Bursting Force (mean)	1727 N
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Colour	Cover Factor	Shade Factor	Av % Trans	Av. UVR Trans	Av. PAR Trans	% UVR Block
Aquatic Blue	96.80%	90.2	9.80%	6.40%	11.20%	93.60%
Black	98.20%	97.4	2.60%	2.60%	2.70%	97.40%
Brunswick Green	96.20%	93.9	6.10%	4.90%	6.30%	95.10%
Cayenne	92.00%	87	13.00%	6.00%	11.60%	94.00%
Cedar	94.90%	87.7	12.30%	6.50%	12.60%	93.50%
Charcoal	94.70%	94.2	5.80%	5.30%	5.80%	94.70%
Cherry Red	90.10%	75.3	24.70%	10.70%	22.40%	89.30%
Desert Sand	94.00%	85	15.00%	3.60%	16.10%	96.40%
Deep Ochre	95.10%	91.3	8.70%	5.60%	8.50%	94.40%
Gun Metal	97.10%	96.2	3.80%	2.30%	3.90%	97.70%
Natural	97.90%	74.3	25.70%	3.20%	30.10%	96.80%
Navy Blue	96.20%	94.4	5.60%	4.80%	5.70%	95.20%
Rivergum Green	94.70%	85	15.00%	7.70%	15.60%	92.30%
Sky Blue	95.20%	90.4	9.60%	6.20%	9.90%	93.80%
Steel Grey	95.60%	88.4	11.60%	7.00%	12.30%	93.00%
Turquoise	94.00%	90	10.00%	5.70%	11.70%	94.30%
Yellow	98.30%	77.2	22.80%	2.90%	25.00%	97.10%



AU P 1800 331 521 F +61 3 9518 3398
 NZ P 0800 555 171 F 0800 555 172
 UAE P +971 4 881 7114 F +971 4 881 7167
 USA P 1800 560 4667 F +1 407 772 0553

www.galecommercial.com

