



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 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: 50 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**

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 - Flammability of Materials**  
Ignitability Index (Range 0-20) 10  
Spread of Flame Index (Range 0-10) 7  
Heat Evolved Index (Range 0-10) 5  
Smoke Developed Index (Range 0-10) 4

**PERFORMANCE**

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

Maximum Force – Warp (Mean) 670 N/50mm  
Elongation at Maximum Force – Warp (Mean) 117 %  
Maximum Force – Weft (Mean) 2400 N/50mm  
Elongation at Maximum Force (Mean) 83 %

**(AS 2001.2.3.2-2001) Breaking Force - Grab Test**

Breaking Force – Warp (Mean) 990 N  
Breaking Force – Weft (Mean) 2000 N

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

Wing Tear – Warp (mean) 184 N  
Wing Tear – Weft (mean) 347 N

**(AS 2001.2.4) Bursting Pressure – Hydraulic Diaphragm Method**

Bursting Pressure (mean) 3500 kPa

**(AS 2001.2.19-1988) Bursting Force – Ball Burst Method**

Bursting Force (mean) 1937 N

**(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



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.