



- Trusted name in Commercial knitted fabric with over 20 years of market usage in the worlds 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 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 4174:2018 and shall be GALE Pacific Commercial 95 Knitted HDPE monofilament & tape shade fabric offering a UVE Protection Category of "Very 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
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
Bright Green	92	88.6	11.4	7.5	92.5	91	Very Effective
Brown	93	91.5	8.5	6.9	93.1	92	Very Effective
Brunswick Green	94	93.8	6.2	5.3	94.7	93	Very Effective
Cayenne	92	85.3	14.7	7.6	92.4	91	Very Effective
Cedar	93	87.3	12.7	6.4	93.6	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
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
Royal Purple	91	87.7	12.3	8.9	91.1	91	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
Turquoise	92	86.0	14.0	8.5	91.5	91	Very Effective
Yellow	95	77.6	22.4	4.5	95.5	94	Very Effective



AU  
UAE  
USA

P 1800 331 521  
P +971 4 881 7114  
P 1800 560 4667

F +61 3 9518 3398  
F +971 4 881 7167  
F +1 407 772 0553

[www.galecommercial.com](http://www.galecommercial.com)

