



Commercial DualShade 350FR is a high-quality knitted shade fabric designed for tension structures, awnings and shade sails specifically for commercial architectural applications where FR properties are required; supplied in bulk rolls.

PERFORMANCE

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

Maximum Force – Warp (Mean)	790 N/50mm
Elongation at Maximum Force – Warp (Mean)	99 %
Maximum Force – Weft (Mean)	1200 N/50mm
Elongation at Maximum Force (Mean)	72 %

(AS 2001.2.3.2-2001) Breaking Force - Grab Test

Breaking Force – Warp (Mean)	1200 N
Breaking Force – Weft (Mean)	1300 N

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

Wing Tear – Warp (mean)	238 N
Wing Tear – Weft (mean)	180 N

(AS 2001.2.4) Bursting Pressure – Hydraulic Diaphragm Method

Bursting Pressure (mean)	3300 kPa
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(AS 2001.2.19-1988) Bursting Force – Ball Burst Method

Bursting Force (mean)	1915 N
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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
Amazonia	93	91.8	8.2	6.8	93.2	92	Very Effective
Capri	92	84.1	15.9	8.0	92.0	91	Very Effective
Chameleon	91	87.1	12.9	8.9	91.1	91	Very Effective
Citrus	93	88.1	11.9	6.8	93.2	92	Very Effective
Cobblestone	93	90.3	9.7	7.0	93.0	92	Very Effective
Gold Rush	91	88.0	12.0	8.5	91.5	91	Very Effective
Macaw	92	84.7	15.3	8.4	91.6	91	Very Effective
Maldives	92	89.7	10.3	7.3	92.7	92	Very Effective
Santorini	93	83.4	16.6	7.7	92.3	92	Very Effective
Savanna	92	81.1	18.9	7.4	92.6	92	Very Effective
Sunburst	90	76.4	23.6	9.9	90.1	90	Effective
Topaz	93	87.5	12.5	7.8	92.2	92	Very Effective

- Strong HDPE 100% recyclable fabric won't rot or absorb moisture.
- Stentered (heat-set) to reduce shrinkage and for ease of fabrication.
- Certified to California State Fire Marshall CSFM 1237.1 and complies with NFPA701 across all colour variants.
- 12 year UV degradation warranty on fabric.
- 100% Lead and Phthalate free
- Engineered in Australia to meet the harsh climate

FABRIC PROPERTIES

(AS 2001.2.13) mass per unit

Nominal fabric mass	350 gsm ± 20
Approximate thickness	1.8 mm

ROLL SPECIFICATIONS

Nominal width:	3.0m (folded)
Length:	40m
Approx. roll weight:	45 kg
Approx. roll diameter:	0.40 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 and shall be GALE Pacific Commercial DualShade 350FR knitted HDPE monofilament & tape shade fabric offering a UV block over 90%.

FLAMMABILITY

Part 2 & 3 certificates available on request

(AS 1530.2) Part 2 - Flammability of Materials

Flammability Index (Range 0-100) 1

(AS 1530.3) Part 3 - Flammability of Materials

Ignitability Index (Range 0-20)	13
Spread of Flame Index (Range 0-10)	8
Heat Evolved Index (Range 0-10)	3
Smoke Developed Index (Range 0-10)	6



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