



Commercial DualShade® 350 is a revolutionary high quality knitted shade fabric, where performance and function meet design. 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 to reduce shrinkage and curl 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 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 350 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) 38

(AS 1530.3) Part 3 - Flammability of Materials
Ignitability Index (Range 0-20) 14
Spread of Flame Index (Range 0-10) 8
Heat Evolved Index (Range 0-10) 3
Smoke Developed Index (Range 0-10) 4

PERFORMANCE

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

Maximum Force – Warp (Mean)	960 N/50mm
Elongation at Maximum Force – Warp (Mean)	117 %
Maximum Force – Weft (Mean)	1100 N/50mm
Elongation at Maximum Force (Mean)	70.5 %

(AS 2001.2.3.2-2001) Breaking Force - Grab Test

Breaking Force – Warp (Mean)	1500 N
Breaking Force – Weft (Mean)	1300 N

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

Wing Tear – Warp (mean)	327 N
Wing Tear – Weft (mean)	245 N

(AS 2001.2.4) Bursting Pressure – Hydraulic Diaphragm Method

Bursting Pressure (mean)	3500 kPa
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(AS 2001.2.19-1988) Bursting Force – Ball Burst Method

Bursting Force (mean)	1959 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	92	91.1	8.9	7.6	92.4	91	Very Effective
Capri	92	83.9	16.1	7.9	92.1	91	Very Effective
Chameleon	90	86.4	13.6	9.7	90.3	91	Very Effective
Citrus	91	87.0	13.0	8.1	91.9	91	Very Effective
Cobblestone	93	90.3	9.7	6.4	93.6	93	Very Effective
Gold Rush	91	88.3	11.7	8.5	91.5	90	Effective
Macaw	92	83.3	16.7	9.3	90.7	90	Effective
Maldives	91	88.4	11.6	9.1	90.9	90	Effective
Santorini	93	83.3	16.7	7.8	92.2	92	Very Effective
Savanna	92	80.1	19.9	7.7	92.3	91	Very Effective
Sunburst	91	75.2	24.8	9.4	90.6	91	Very Effective
Topaz	92	85.8	14.2	9.4	90.6	90	Effective



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SUNAMI® I - Photo courtesy of Tensile Shade Products, LLC

Performance and function meet design with DualShade 350, a revolutionary architectural shade fabric designed and manufactured by GALE Pacific. A unique aesthetic is achieved when two different color yarns are combined to create a single layer fabric that produces an iridescent, shimmery effect in the sunlight.

- Patent Pending dual-color knit pattern produces a unique iridescent and transforming color effect
- Tape/monofilament construction of strong HDPE 100% recyclable fabric won't rot or absorb moisture.
- Patented intertwining knit pattern results in a dimensionally stable fabric reducing re-tensioning frequency and associated maintenance costs
- Three unique collections provide a versatile palette of 12 dramatic color combinations will enhance the design of any common area or outdoor space
- Backed by a full 10-year warranty against UV degradation and designed to withstand extreme weather conditions across the globe.
- 100% Lead and Phthalate free

FABRIC PROPERTIES

AS 2001.2.13
 Mass per unit
 Nominal fabric mass 350 gsm ± 20; 10.3 oz./yd²
 Approximate thickness 0.07 in. / 1.8 mm

ROLL SPECIFICATIONS

Nominal width: 9 ft. 10 in. / 3.0m (folded)
 Length: 131 ft 3 in. / 40m
 Approx. roll weight: 99.2 lbs / 45 kg
 Approx. roll diameter: 1.3 ft. / 0.40 m
 Core diameter: 1.97 in. / 50 mm

USAGE INSTRUCTIONS

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SUGGESTED SPECIFICATION

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FLAMMABILITY

ASTM E84 19B Class A

PERFORMANCE

ASTM D5034

Tensile Strength and Elongation

Maximum Force – Warp (Mean)	265 lbf
Elongation at Maximum Force – Warp (Mean)	79 %
Maximum Force – Weft (Mean)	321 lbf
Elongation at Maximum Force (Mean)	62 %

ASTM D2261

Tearing Strength – Tongue (Single Rip)

Mean Force – Warp	64.4 lbf
Mean Force – Weft	49.2 lbf

ASTM D6797

Bursting Strength – Ball Burst (Constant Rate of Extension)

Mean Force	461 lbf
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AS 4174:2018

Shade Protection Fabric Performance

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Topaz	92	85.8	14.2	9.4	90.6	90	Effective

All test data available upon request



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