



Performance and function meet design with DualShade 350 FR, a revolutionary, fire-rated 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 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
- Each color individually tested and meets the most stringent FR certification criteria
- 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

FLAMMABILITY

CSFM Title 19 1237.1
NFPA 701 Test Methods 1 & 2
ASTM E84 19B Class A

Each color individually tested and passes all certification criteria for above. Test results available upon request. NFP92-503 Class M1 in process

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

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%.

PERFORMANCE

ASTM D5034

Tensile Strength and Elongation

Maximum Force – Warp (Mean)	196 lbf
Elongation at Maximum Force – Warp (Mean)	79 %
Maximum Force – Weft (Mean)	286 lbf
Elongation at Maximum Force (Mean)	71 %

ASTM D2261

Tearing Strength – Tongue (Single Rip)

Mean Force – Warp	61.4 lbf
Mean Force – Weft	47.3 lbf

ASTM D6797

Bursting Strength – Ball Burst (Constant Rate of Extension)

Mean Force	383 lbf
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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

All test data available upon request



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