

SaFRshade™

FLAME RETARDANT ARCHITECTURAL SHADE FABRIC



CALIFORNIA FIRE MARSHALL APPROVED ■

100% LEAD AND PHTHALATE FREE ■

BLOCKS UP TO 95% OF HARMFUL UV RAYS ■

RECYCLABLE ■

10 YEAR MANUFACTURER'S WARRANTY ■

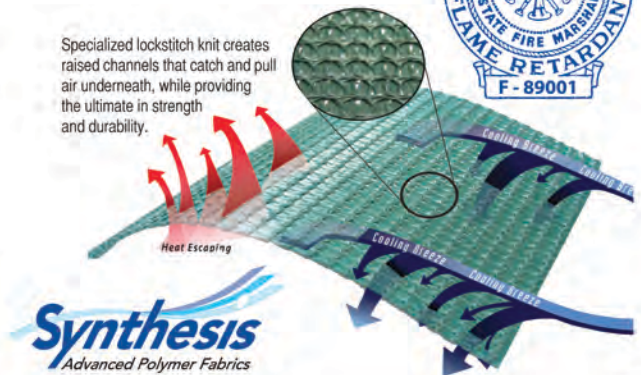
Synthesis
Advanced Polymer Fabrics



The first California Fire Marshall approved architectural shade fabric that is 100% LEAD AND PHTHALATE FREE!

- Specifically designed to be the safest choice in Architectural Shade Fabric.
- Made from UV stabilized HDPE monofilament and tape yarns.
- Specialized lock stitch knit for more air movement and better channeling of cool breezes.
- Constructed to block up to 95% of harmful UV rays.
- Recyclable, tear resistant and will not crack, rot or fade.
- 10 year manufacturer's warranty against UV degradation.

Specialized lockstitch knit creates raised channels that catch and pull air underneath, while providing the ultimate in strength and durability.



Colors are representative only. Small variations in color should be anticipated and are within commercial tolerances.

PHYSICAL PROPERTIES				Lead & Phthalate Tests*		Flammability Tests*	
Property	Test Method	US	Metric	Result		Result	
Weight	ASTM D-3776	8.6 oz	290 gsm	Lead - All Colors CPSIA Section 101 (a)(2) Phthalate CPSIA Section 108		PASS Not Detected PASS Not Detected	
Thickness	ASTM D-5199	61 mils	1.6 mm	CA 1237.1 Title 19 - CAFM NFPA 701-1999 ASTM E84, Class A		Complies PASS Class 1	
Tensile Strength	ASTM D-5034 (grab test)	Warp: 169.7 lbs Weft: 309.4 lbs	Warp: 755 N Weft: 1376 N	Specification		US	Metric
Elongation	ASTM D-5034 (grab test)	Warp: 115% Weft: 54.8%	Warp: 115% Weft: 54.8%	Width**	9 ft 10 in	3 m	
Tear Strength	ASTM D-2261 (tongue test)	Warp: 36.2 lbs Weft: 37.6 lbs	Warp: 161 N Weft: 167 N	Length	105 ft	40 m	
Burst Pressure (Mullen)	ASTM D-3786 (diaphragm test)	Avg. >160 psi	Avg. >1103.2 kPa	Roll Weight	75 lbs	34 kg	
Burst Strength	ASTM D-3787 (ball burst test)	291.9 lbs	1298.4 N	Roll Diameter	11 in	0.28 m	
Temperature Range		-22°F to +167°F	-30°C to +75°C	Core Diameter	1.4 in	35 mm	

Usage Instructions

Fabric is flame retardant – not flame proof. 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.

The above results are typical averages from independent testing and 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, technical specifications are subject to alteration without notice.

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 and patent regulations.

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Specification Instructions

Shadecloth fabric shall be compliant to Australian standard AS 4174 and CA 1237.1 Title 19. The fabric shall be Synthesis SaFRshade™ knitted HDPE monofilament & tape offering a UVR block up to 95%.



Gale Pacific USA Inc.
285 West Central Parkway, Suite 1704
Altamonte Springs, FL 32714 USA
Tel: 1-407-772-7979 • www.synthesisfabrics.com