

Commercial 95™

HEAVY DUTY ARCHITECTURAL SHADE FABRIC

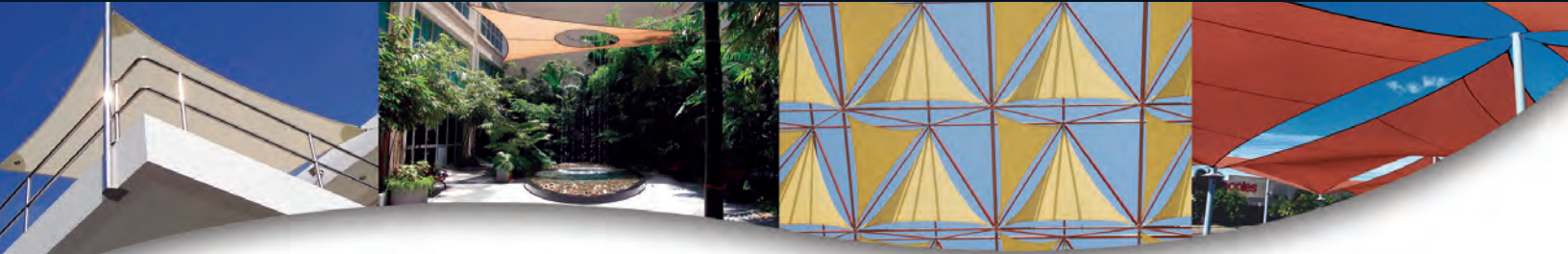


- HEAVY DUTY PROFESSIONAL GRADE FABRIC ■
- 100% LEAD AND PHTHALATE FREE ■
- BLOCKS UP TO 98.8% OF HARMFUL UV RAYS ■
- RECYCLABLE ■
- 10 YEAR MANUFACTURER'S WARRANTY ■

Synthesis
Advanced Polymer Fabrics

Commercial 95™

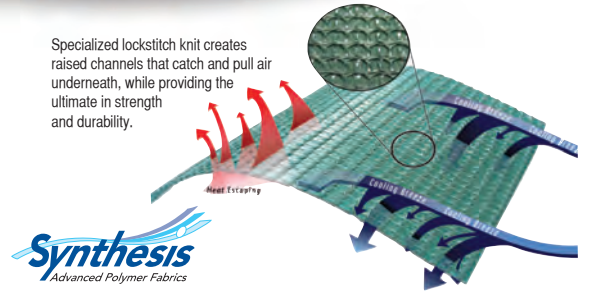
HEAVY DUTY ARCHITECTURAL SHADE FABRIC



Commercial 95™ – the standard in outdoor durability is now 100% LEAD AND PHTHALATE FREE!

- Heavy duty, professional grade architectural shade fabric for tensioned structures and other shade applications.
- Made from UV stabilized HDPE monofilament and tape yarns.
- Specialized lock stitch knit for more air movement and better channeling of cooling breezeways.
- Constructed to block up to 98.8% of harmful UV sun rays.
- Heat set for ease of fabrication and to limit shrinkage.
- Recyclable, tear resistant and will not crack, rot or fade.
- 10 year manufacturer's warranty against UV degradation.

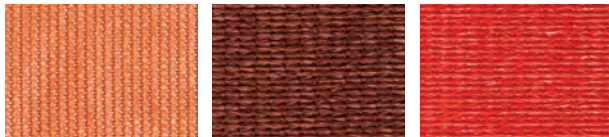
Specialized lockstitch knit creates raised channels that catch and pull air underneath, while providing the ultimate in strength and durability.



Natural
445003

Desert Sand
444983

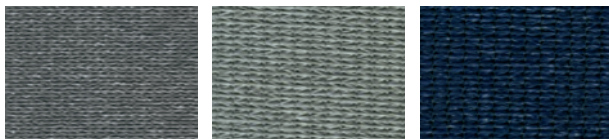
Yellow
445072



Cayenne
445255

Deep Ochre
444990

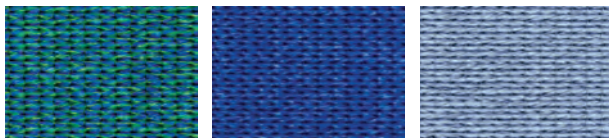
Cherry Red
444976



Gun Metal
445262

Steel Grey
445041

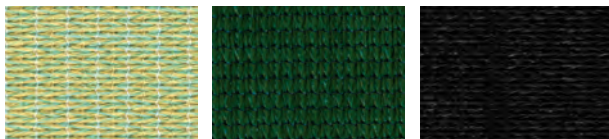
Navy Blue
445010



Turquoise
445065

Aquatic Blue
444938

Sky Blue
445034



Rivergum
445027

Brunswick Green
444952

Black
444945

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

PHYSICAL PROPERTIES				Lead & Phthalate Tests*		Result
Property	Test Method	US	Metric	Lead – All Colors CPSIA Section 101(a)(2) Phthalate CPSIA Section 108		PASS Not Detected PASS Not Detected
Weight	ASTM D-3776	10.0 oz	340 gsm			
Thickness	ASTM D-5199	61 mils	1.6 mm			
Tensile Strength	ASTM D-5034 (grab test)	Warp: 208 lbs Weft: 486 lbs	Warp: 925 N Weft: 2161 N			
Elongation	ASTM D-5034 (grab test)	Warp: 134% Weft: 94%	Warp: 134% Weft: 94%			
Tear Strength	ASTM D-2261 (tongue test)	Warp: 51 lbs Weft: 52 lbs	Warp: 227 N Weft: 231 N			
Burst Pressure (Mullen)	ASTM D-3786 (diaphragm test)	487 psi	3358 kPa			
Burst Strength	ASTM D-3787 (ball burst test)	353 lbs	1570 N			
Temperature Range		-22°F to +167°F	-30°C to +75°C			

Flammability Tests*		Result
ASTM E84, Class A -Flame spread index -Smoke developed index		PASS 25 105

Specification	US	Metric
Width**	9 ft 10 in	3 m
Length	131 ft	40 m
Roll Weight	97 lbs	44 kg
Roll Diameter	14 in	0.35 m
Core Diameter	1.4 in	35 mm

*Test Results available upon request
**Note product is center folded when packaged.

SHADE AND UVR PROPERTIES							
Color	Code	Cover Factor	Avg % Transmission	Shade Factor	Avg. UVR Transmission	Avg. PAR Transmission	% UVR Block
Aquatic Blue	444938	96.7%	11.9%	88.2	5.8%	13.8%	94.2%
Black	444945	95.9%	5.1%	94.9	4.9%	5.1%	95.1%
Brunswick Green	444952	97.4%	4.4%	95.6	3.1%	4.8%	96.9%
Gun Metal	455262	97.1%	3.8%	96.2	2.3%	3.9%	97.7%
Cherry Red	444976	94.9%	19.0%	81.0	9.0%	21.9%	91.0%
Deep Ochre	444990	95.4%	5.6%	94.4	3.3%	6.2%	96.7%
Desert Sand	444983	96.5%	15.8%	84.2	5.2%	19.0%	94.8%
Natural	445003	94.5%	21.1%	78.9	4.9%	25.9%	95.1%
Navy Blue	445010	96.4%	4.3%	95.7	3.2%	4.7%	98.8%
Rivergum	445027	95.7%	14.2%	85.8	7.0%	16.3%	93.0%
Sky Blue	445034	95.2%	5.3%	94.7	3.2%	5.9%	96.8%
Steel Grey	445041	97.3%	8.1%	91.9	3.3%	9.5%	96.7%
Cayenne	455255	92.0%	13.0%	87.0	6.0%	11.6%	94.0%
Turquoise	445065	97.6%	10.4%	89.6	4.6%	12.2%	95.4%
Yellow	445072	94.6%	23.0%	77.0	6.7%	27.7%	93.2%

Tested according to AS 4174 synthetic shade cloth: Avg. % transmission = Average % transmission within the 290-770nm spectrum.
Avg. UVR transmission = Average % transmission within the 290-400nm spectrum.
Avg. PAR transmission = Average % transmission within the 408-770nm spectrum.

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.

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.

Specification Instructions

Shade cloth fabric shall be Synthesis Commercial 95™ knitted HDPE monofilament and tape shade fabric offering a UV block up to 98.8%.

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