

Property	Test Method	US	Metric
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

Lead & Phthalate Tests*		Result
Lead - All Colors CPSIA Section 101(a)(2)		PASS Not Detected
Phthalate CPSIA Section 108		PASS Not Detected
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%	11.8%	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%

ed 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 reactive substances may reduce the service life of the fabric and void the warranty.

Additional elastic material properties available on request.

Above results are typical averages from independent testing and quality assurance programs 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.

Gale Pacific® and Commercial 95™ are registered trademarks of Gale Pacific Limited. All rights reserved.

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%.