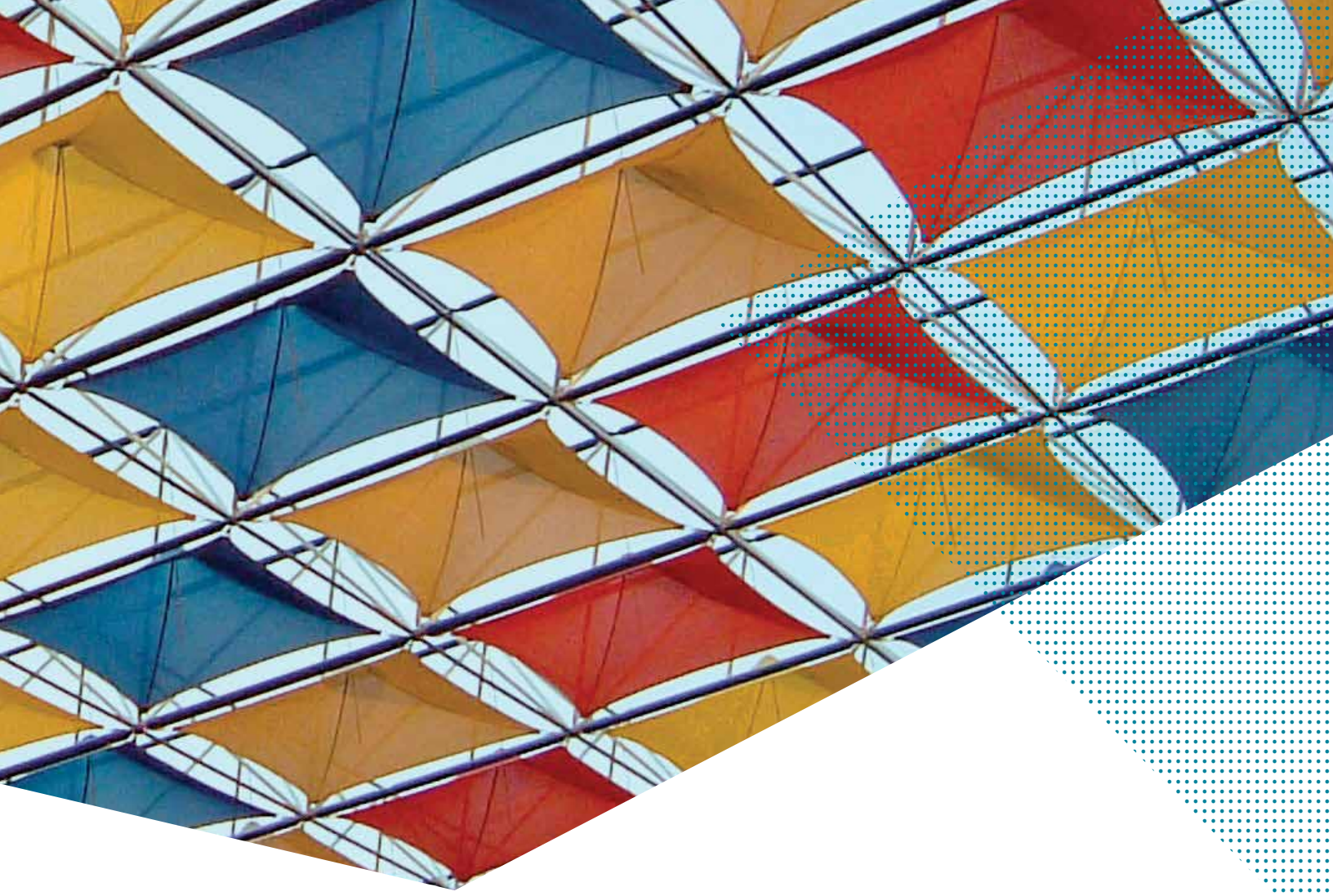


Commercial®
95 340

Architectural Shade Fabric

TENSION STRUCTURES

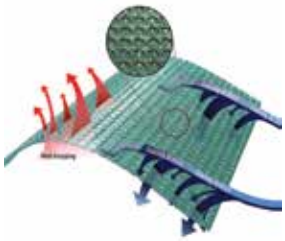
AWNINGS

SHADE SAILS

GALE PACIFIC

Commercial®
95 340

Architectural Shade Fabric



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

- World's leading architectural shade fabric
- 100% lead and phthalate free shade fabric
- 100% recyclable
- 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 breezes
- Constructed to block up to 97.7% of harmful UV sun rays
- Heat set for ease of fabrication and to limit shrinkage
- Fade and tear resistant; will no crack, rot or fray
- 10 year manufacturer's warranty against UV degradation

Applications

- Tension structures
- Awnings
- Shade sails
- Car Park structures

Usage Instructions

Do not use near flames.

Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

Features	Benefits
Knitted lock-stitch construction	Fray and tear resistant
Tape and monofilament yarn	Excellent balance between strength and UV block
Strong HDPE	Won't rot or absorb moisture
Stentered (heat set)	Virtually eliminates any possibility of shrinking once installed and provides ease of fabrication
UV Block range 89.3% - 97.7%	Reduces sun exposure for safe and extended time outdoors
10 Year UV degradation Warranty on fabric	Reduced costs; Peace of Mind
100% Lead and Phthalate free	Healthier environment
Greenguard® and OEKO-TEX® certified	Confidence in operational quality assurance
Engineered in Australia	Meets harsh environmental conditions
100% Recyclable	Addresses environmental concerns

Physical Properties			
Property	**Test Method**	**Imperial**	**Metric**
Weight	ASTM D-3776	10.0 oz ± .59	340 gsm ± 20
Thickness	ASTM D-5199	62.9 mils	1.6 mm
Tensile Strength	ASTM D-5034 (grab test)	Warp: 142.75 lbs Weft: 560.67 lbs	Warp: 635 N/50mm Weft: 2494 N/50mm
Elongation	ASTM D-5034 (grab test)	Warp: 95.6% Weft: 70.4%	Warp: 95.6% Weft: 70.4%
Tear Strength	ASTM D-2261 (tongue test)	Warp: 42.03 lbs Weft: 80.70 lbs	Warp (mean) : 187 N Weft (mean) : 359 N (wing tear)
Burst Preassure (Mullen)	ASTM D-3786 (diaphragm test)	507.63 psi	3500 kPa (mean)
Burst Strength	ASTM D-3787 (ball burst test)	482.43 lbs	2146 N (mean)
Temperature Range		-22°F to +158°F	-30° C to + 70° C

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

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

Flammability Tests*	Results
ASTM E84, Class A	PASS
- Flame spread index	15
- Smoke developed index	50

Specification	Imperial	Metric
Width**	9 ft 10 in	3 m
Length	131 ft 2 in	40 m
Roll Weight (approx.)	97 lbs	44 kg
Roll Diamater (approx.)	12-19/32 in	0.32 m
Core Diameter (approx.)	1-3/8 in	35 mm

Shade and UVR Properties									
Color	**Code**	**Cover Factor**	**Avg. % Transmission**	**Shade Factor**	**Avg. UVR Transmission**	**Avg. PAR Transmission**	**% UVR Block**	**UPF**	**UPF Calculated**
Black	444945	98.2%	2.6%	97.4	2.6	2.7	97.4%	35.0	59.8
Gun Metal	455262	97.1%	3.8%	96.2	2.3	3.9	97.7%	23.0	54.9
Steel Grey	445041	95.6	11.6%	88.4	7.0	12.3	93.0%	13.1	26.1
Navy Blue	445010	96.2	5.6%	94.4	4.7	5.7	95.2%	14.7	33.3
Aquatic Blue	444938	96.8	9.8%	90.2	6.4	11.2	93.6%	15.0	32.2
Turquoise	445065	94.0	10.0%	90.0	5.7	11.7	94.3%	11.9	18.0
Sky Blue	445034	95.2	9.6%	90.4	6.2	9.9	93.8%	16.0	21.3
Brunswick Green	444952	96.2	6.1%	93.9	4.9	6.3	95.1%	15.0	32.6
Rivergum	445027	94.7	15.0%	85.0	7.7	15.6	92.3%	12.6	20.8
Brown	481254	94.6	7.0%	93.0	5.4	6.9	94.6%	18.6	17.0
Cherry Red	444976	90.1	24.7%	75.3	10.7	22.4	89.3%	8.8	12.1
Deep Ochre	444990	95.1	8.7%	91.3	5.6	8.5	94.4%	12.1	26.3
Cayenne	455255	92.0	13.0%	87.0	6.0	11.6	94.0%	11.0	14.7
Cedar	465360	94.9	12.3%	87.7	5.3	12.6	94.7%	18.0	19.4
Yellow	445072	98.3	22.8%	77.2	2.9	25.0	97.1%	45.0	71.3
Desert Sand	444983	94.0	15.0%	85.0	3.6	16.1	96.4%	10.0	20.3
Natural	445003	97.9	25.7%	74.3	3.2	30.1	96.8%	35.0	62.4

Tested according to AS4174 synthetic shadecloth: 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

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 product specifications are subject to alteration without 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 resposibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

The calculated protection factor is for the material only and does not account for the affect of indirect UVR when situated at a distance from the persons being protected.

Colors Available

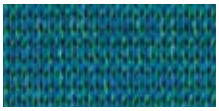
Black 444945
97.4% UVR Block

Gun Metal 455262
97.7% UVR Block

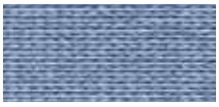
Steel Grey 445041
93.0% UVR Block

Navy Blue 445010
95.2% UVR Block

Aquatic Blue 444938
93.6% UVR Block



Turquoise 445065
94.3% UVR Block



Sky Blue 445034
93.8% UVR Block

Brunswick Green 444952
95.1% UVR Block

Rivergum 445027
92.3% UVR Block

Brown 481254
94.6% UVR Block

Cherry Red 444976
89.3% UVR Block

Deep Ochre 444990
94.4% UVR Block

Cayenne 455255
94.0% UVR Block

Cedar 465360
94.7% UVR Block

Yellow 445072
97.1% UVR Block

Desert Sand 444983
96.4% UVR Block

Natural 445003
96.8% UVR Block

Please note, due to the limitations of the printing proces, colors may not represent the true color

Commercial 95 340 is OEKO-TEX® Standard 100 and Greenguard children and school certified.

As the demand for healthy, sustainable products continues to expand, consumers and building industry professionals increasingly demand substantiation of product sustainability claims and rely on trustworthy third-party certifiers to guide purchasing and specification decisions. GREENGUARD & Oeko-Tex Standard 100 Certification provides the market with solutions and resources to ensure healthier environments, and provides manufacturers with credible tools to legitimize and promote their sustainability

The GREENGUARD and Oeko-Tex Standard 100 Certifications set stringent limits for products to achieve in several key areas such as:

- Limiting Volatile Organic Compound (VOC) content
- Lowering formaldehyde emissions
- Lowering lead and phthalate content

AU	P 1800 331 521	F +61 3 9518 3398	gpcommercial.com
NZ	P 0800 555 171	F 0800 555 172	
UAE	P +971 4 881 7114	F +971 4 881 7167	
USA	P 1800 560 4667	F +1 407 772 0553	gpcommercialusa.com

100% LEAD AND PHTHALATE FREE

CONFIDENCE IN TEXTILES Tested for harmful substances according to Oeko-Tex® Standard 100 12.HUS.15194 Hohenstein

Children & Schools GREENGUARD® Indoor Air Quality Certified

IFAI

2 HDPE

UV WARRANTY KNITTED 10 YEAR UV WARRANTY KNITTED

431204 BROCHURE COMMERCIAL 95 340 09/2015