

Commercial 95TM



Product Profile

Shadecloth Range

USA Rev.2 08/05

Product Description

Commercial 95TM is a high quality, heavy-duty knitted shade fabric specifically for tension structures, awnings and shade covers designed for commercial and architectural applications.

Material

Yarn UV stabilized HDPE
 Construction Monofilament & tape
 Pattern Lock-stitch knitted
 Temperature range -22°F to +167°F

Features

Strong HDPE fabric won't rot or absorb moisture. Stentered (heat-set) to reduce shrinkage and for ease of fabrication.
 10 year UV degradation warranty on fabric.
 Engineered in Australia to meet the harsh climate.

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.

Properties

Nominal fabric mass 10 ½ oz/sq. yd (340 gsm)
 Approximate thickness 63 mils

Performance

Tensile Strength - Warp 173 lbs.
 Elongation at break 101 %
 Tensile Strength - Weft 414 lbs.
 Elongation at break 46 %
 (ASTM D5034-1995 – grab test)
 Tongue Tear – Warp avg. 46.1 lbs.
 Tongue Tear – Weft avg. 35.7 lbs.
 (ASTM D2261-1996)
 Trapezoidal Tear – Warp avg. 84.8 lbs.
 Trapezoidal Tear – Weft avg. 159 lbs.
 (ASTM D5587-2003)
 Bursting Pressure (mean) 457 psi
 (ASTM D3786-2001)
 Bursting Force (mean) 432 lbf
 (ASTM D3787-2001)

Flammability

Data available on request
 Tested to AS 1530 Part 1 & 2
 Tested to NFPA 701-99 Method 2
 Tested to ASTM E84-00

Color	Code	Nom. Width	Length	Cover Factor	Av. % Transmis.	Shade Factor	Av. UVR Transmis.	AV. PAR Transmis.	% UVR Block
Aquatic Blue	308766			96.7%	11.9%	88.2	5.8%	13.8%	94.2%
Black	415631			95.9%	5.1%	94.9	4.9%	5.1%	95.1%
Brunswick Green	308728			97.4%	4.4%	95.6	3.1%	4.8%	96.9%
Cherry Red	415662			94.9%	19.0%	81.0	9.0%	21.9%	91.0%
Desert Sand	308704			96.5%	15.8%	84.2	5.2%	19.0%	94.8%
Natural	308759			94.5%	21.1%	78.9	4.9%	25.9%	95.1%
Navy Blue	308735	9' 10"	54 ¾ yd	96.4%	4.3%	95.7	3.2%	4.7%	98.8%
Ochre Red	415617	(folded)		95.4%	5.6%	94.4	3.3%	6.2%	96.7%
Rivergum Green	308711			95.7%	14.2%	85.8	7.0%	16.3%	93.0%
Sky Blue	415624			95.2%	5.3%	94.7	3.2%	5.9%	96.8%
Steel Grey	415648			97.3%	8.1%	91.9	3.3%	9.5%	96.7%
Turquoise	308773			97.6%	10.4%	89.6	4.6%	12.2%	95.4%
Yellow	415655			94.6%	23.0%	77.0	6.7%	27.7%	93.2%

Approx. roll weight: 122 lbs.
 Approx. roll diameter: ~ 16"
 Core diameter: ~ 1 ½ "

Tested according to Australian Standard - AS 4174 Synthetic Shadecloth
 Av. % Transmis. = Average % Transmission within the 290-770nm spectrum
 Av. UVR Transmis. = Average % Transmission within the 290-400nm spectrum
 Av. PAR Transmis. = 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 Profiles are subject to alteration without notice.
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