

Commercial 95TM



Product Profile

Shadecloth Range

Rev.3 07/04

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 stabilised HDPE
Construction Mono filament & tape
Pattern Lock-stitch knitted
Temperature range -30°C to +75°C

Properties

Nominal fabric mass 318 to 350 gsm
(AS 2001.2.13)
Approximate thickness 1.6 mm

Features

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

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.

Performance

Tensile Strength - Warp 737 N/50mm
(AS 2001.2.3)
Tensile Strength - Weft 1592 N/50mm
(AS 2001.2.3)
Wing Tear – Warp (mean) 143N
(AS 2001.2.10)
Wing Tear – Weft (mean) 203 N
(AS 2001.2.10)
Bursting Pressure (mean) 3200 kPa
(AS 2001.2.4)
Bursting Force (mean) 1758 N
(AS 2001.2.19)

Flammability

(AS 1530.2)
Flammability index (range 0-100) 17
Warp Weft
Spread factor (range 0-40) 5 13
Heat factor (range 0-upward) 2 4
Maximum height 5.3 8.7
Time N/A N/A
Heat 8°C min 16.5°C min
(AS 1530.3)
Ignitability index (range 0-20) 13
Spread of flame index (range 0-10) 8
Heat evolved index (range 0-10) 7
Smoke developed index (range 0-10) 6

Colour	Code	Nom. Width	Length	Cover Factor	Av. % Transmis.	Shade Factor	Av. UVR Transmis.	AV. PAR Transmis.	% UVR Block
Aquatic Blue	308766	3.00 m (folded)	50 m	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			96.4%	4.3%	95.7	3.2%	4.7%	98.8%
Ochre Red	415617			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: 55 kg
Approx. roll diameter: 0.40 m
Core diameter: 35 mm

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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