

Commercial 95 WPTM



Product Profile

Shadecloth Range

Rev.3 11/10

Product Description

Commercial 95 WPTM is a high quality knitted shade fabric supplied in bulk rolls with a highly durable waterproof coating. Designed for awnings and shade covers specifically for commercial architectural applications, where a waterproof structure is required.

Knitted Material

Yarn UV stabilised HDPE
Construction Monofilament & tape
Pattern Lock-stitch knitted

Coating Material

Coating UV stabilised LDPE
Nominal Thickness 100 micron
Temperature range -30°C to +70°C

Features

Waterproof shade fabric.
Strong HDPE fabric won't rot or absorb moisture.
Heat-set through extrusion coating process to reduce shrinkage and for ease of fabrication.
Warranty (side facing sun), Coated Side 5 yr UV, Non-coated Side 10yr UV.
Engineered in Australia to meet the harsh climate.

Usage Instructions

Install with coating side facing down.
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.

Properties

Nominal fabric mass 435 gsm ± 20
(AS 2001.2.13)

Approximate thickness 1.8 mm

Performance

Tensile Strength - Warp 870 N/50mm
Elongation at break %

Tensile Strength - Weft 1870 N/50mm
Elongation at break %

(AS 2001.2.3.1)

Wing Tear – Warp (mean) 172 N

Wing Tear – Weft (mean) 301 N

(AS 2001.2.10)

Bursting Pressure (mean) 3600 kPa

(AS 2001.2.4)

Bursting Force (mean) 2075 N

(AS 2001.2.19)

Flex Cracking Resistance 400,000+ cycles

(AS 1441.6)

Suggested Specification

Shadecloth fabric shall be compliant to Australian standard AS 4174 and shall be Synthesis Commercial 95 knitted HDPE monofilament & tape (with LDPE coating) water proof shade fabric offering a UV block up to 92.4%.

Colour	Code	Nom Width	Length	Cover Factor	Shade Factor	Av % Trans	Av. UVR Trans	Av. PAR Trans	% UVR Block	UPF Rating	UPF Mean
Aquatic Blue	455118	1.90m									
Brunswick Green	455125										
Deep Ochre	455149										
Desert Sand	447267		40m	94.1%	81.3%	18.7%	7.6%	19.9%	92.4%	10.2	22.5
Natural	455132										

#2.7M Available early 2011 (approx Feb/ Mar)

#Also Available Jumbo Rolls (1,000LM to 1,400LM)

40m Roll

Approx. roll weight: 35 kg / diameter: 0.40 m / Core diameter: 35mm

Jumbo

Approx. roll weight: 904kg / diameter: 0.89 m / Core diameter: 150mm

Approx. length of Jumbo rolls 1000 to 1400 m

Tested according to 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

UPF (Ultraviolet Protection Factor)

UPF (Rating) = actual rating assigned to material tested, inc standard deviation.

UPF (Mean) = average of UPF values tested, excludes standard deviation.

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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