

Commercial 95 WPTM



Rev.5 01/11

Product Profile

Shadecloth Range

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. Allows good light transfer.
- Strong PE fabric won't rot or absorb moisture.
- Coated using Gale Pacific "Advanced Coating Technology".
- Fabric lays flat for ease of fabrication.
- LDPE coating has excellent dirt repellent properties
- 100% recyclable material.
- Engineered in Australia to meet the harsh climate.
- LDPE coating has exceptional adhesion to knitted substrate.
- Hot air / wedge weldable.
- Warranty (side facing sun), Coated Side 5 yr UV, Non-coated Side 10yr UV.

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 112%
Tensile Strength - Weft 1870 N/50mm
Elongation at break 60%
(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)

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.

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 UVR block up to 97.7%.

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	455477	2.7	40m	93.7%	90.8%	9.2%	4.2%	11.3%	95.8%	9.0	20.9
Brunswick Green	455460		40m	95.6%	95.6%	4.4%	3.1%	4.6%	96.9%	20.0	28.3
Deep Ochre	455453		40m	97.0%	94.9%	5.1%	2.3%	4.9%	97.7%	28.0	49.5
Desert Sand	455293		40m	94.1%	81.3%	18.7%	7.6%	19.9%	92.4%	10.2	22.5
Natural	455446		40m	94.9%	76.8%	23.2%	3.7%	27.2%	96.3%	12.0	29.8

#Also Available Jumbo Rolls (600LM to 900LM)

40m Roll
Approx. roll weight: 48 kg / diameter: 0.40 m / Core diameter: 35mm
Jumbo
Approx. roll weight: 1,200kg / 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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FOR MORE INFORMATION – PLEASE CONTACT:

Australia	Gale Pacific Ltd. PO Box 892, Braeside, Victoria, 3195	Phone +61 3 9518 3399	Fax +61 3 9518 3398
NZ	Gale Pacific (NZ) Ltd. PO Box 15118 Aranui, Christchurch	Phone +64 3 373 9500	Fax +64 3 373 9501
UAE	Gale Pacific FZE. PO Box 17696, Jebel Ali, Dubai	Phone +971 4 881 7114	Fax +971 4 881 7167
USA	Gale Pacific Inc. PO Box 951509, Lake Mary, Florida, 32795-1509	Phone +1 407 333 1038	Fax +1 407 333 7716