

Commercial 95[®] WP



Product Profile

Architectural Shade Fabric

Rev.8 11/13

Product Description

Commercial 95[®] WP is a high quality knitted shade fabric with a highly durable coating on one side. Designed for awnings and shade covers specifically for commercial architectural applications, where a weather protection structure is required; supplied in bulk rolls.

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

Weather protection shade fabric.
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
LDPE coating has exceptional adhesions to knitted substrate
Hot air / wedge weldable
Warranty Coated Side (side facing sun), 10yr UV,
Non-coated Side 10yr UV
100% recyclable material
100% Lead and Phthalate free
Greenguard[®] and Oeko-Tex[®] certified
Engineered in Australia to meet the harsh climate.

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)

Usage Instructions

Install with coating side facing up.
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	2.70m	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: 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 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 responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

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