

AF230 WP



Product Profile

Shadecloth Range

Rev.1 05/12

Product Description

AF230WP 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 fabric 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 PE fabric won't rot or absorb moisture.
Fabric lays flat for ease of fabrication
LDPE coating has excellent dirt repellent properties
100% recyclable material
LDPE coating has exceptional adhesions to knitted substrate
Hot air / wedge weldable
Warranty (side facing sun), Coated Side 5 yr UV,
Non-coated Side 10yr UV.
Engineered and coated in Australia to meet the harsh climate.

Properties

Nominal fabric mass 325 gsm ± 20
(AS 2001.2.13)

Approximate thickness 1.6 mm

Performance

Tensile Strength - Warp 691 N/50mm

Elongation at break 77%

Tensile Strength - Weft 1024 N/50mm

Elongation at break 55%

(AS 2001.2.3.1)

Wing Tear – Warp (mean) 126 N

Wing Tear – Weft (mean) 114 N

(AS 2001.2.10)

Bursting Pressure (mean) TBA

(AS 2001.2.4)

Bursting Force (mean) TBA

(AS 2001.2.19)

Flex Cracking Resistance 400,000+ cycles

(AS 1441.6)

Usage Instructions

Recommended to install with coated side facing up.

Seems to be fabricated water tight.

Fabric should not be over tensioned

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 AS4174

Colour	Code	Nom Width	Length	Cover Factor	Shade Factor	Av % Trans	Av. UVR Trans	Av. PAR Trans	% UVR Block
Aquatic Blue	463694	2.70m	40m	94.6	84.3	15.7	8.6	18.2	91.4
Brunswick Green	463663		40m	94.2	92.1	7.9	5.7	8.4	94.3
Cayenne	463632		40m	94.5	77.4	22.6	9.7	22.3	90.3
Desert Sand	463571		40m	93.1	81.4	18.6	8.1	19.8	91.9
GunMetal	463724		40m	96.4	89.8	10.2	6.6	10.7	93.4
Natural	463601		40m	91.8	67.9	32.1	9.0	37.5	91.0

40m Roll
Approx. roll weight: 30 kg / diameter: 0.40 m / Core diameter: 35mm
Jumbo

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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