

SAFRSHADETM



Product Profile

Shadecloth Range

Rev.2 01/12

Product Description

SaFRShadeTM is a high quality knitted shade fabric supplied in bulk rolls, designed for tension structures, awnings and shade covers specifically for commercial architectural applications.

Material

Yarn	UV and FR stabilised HDPE
Construction	Monofilament & tape
Pattern	Lock-stitch knitted
Temperature range	-30°C to +75°C

Features

Strong HDPE fabric won't rot or absorb moisture. Stentered (heat-set) to reduce shrinkage and for ease of fabrication.
10 year UV degradation warranty on fabric.
Engineered in Australia to meet the harsh climate.
California Fire Marshall Approved
100% Lead and Phthalate Free
Blocks up to 95% of Harmful UV Rays
Recyclable

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.

Properties

Nominal fabric mass 295 gsm ± 20
(AS 2001.2.13)

Approximate thickness 1.4 mm

Performance

Tensile Strength - Warp 920 N/50mm

Elongation at break

Tensile Strength - Weft 1640 N/50mm

Elongation at break

(AS 2001.2.3.1)

Wing Tear – Warp (mean) 176 N

Wing Tear – Weft (mean) 236 N

(AS 2001.2.10)

Bursting Pressure (mean) 3150 kPa

(AS 2001.2.4)

Bursting Force (mean) 1597 N

(AS 2001.2.19)

Flammability

Flammability Index AS1530.2 3

CSFM 1237.1 Title 19 Certified

ASTM E-84 Class A

NFPA 701 Conforms

JIS L1091 :1999 Method A-1 Pass

JIS L1091 : 1999 Method A-3 Pass

BS7837 : 1996 Complies

DIN4102, Teil 1 B1 rated

Suggested Specification

Shadecloth fabric shall be compliant to Australian standard AS 4174 and shall be Synthesis Commercial 95 knitted HDPE monofilament & tape shade fabric offering a UV block up to 95.2%.

Colour	Code	Nom Width	Length	Cover Factor	Shade Factor	Av % Trans	Av. UVR Trans	Av. PAR Trans	% UVR Block	UPF Rating	UPF Mean
Cobalt Blue	456719	3.0 m (folded)	32 m	91.0%	89.2	10.8%	9.2%	11.5%	90.8%		
Emerald Green	456757			95.3%	94.2	5.8%	5.5%	5.7%	94.5%		
Terracotta	456771			96.0%	90.2	9.8%	4.8%	10.2%	95.2%		
Beige	456795			94.5%	90.2	9.8%	4.8%	10.2%	95.2%		
Slate Grey	456924			92.0%	87.9	12.1%	10.4%	12.4%	89.6%		
Ivory	456818			91.6%	58.9	41.1%	11.5%	49.4%	88.5%		
Nutmeg	456863			94.0%	92.6	7.4%	5.7%	7.5%	94.3%		
Olive	456887			92.4%	92.4	7.6%	6.9%	7.7%	93.1%		

Approx. roll weight: 30 kg

Approx. roll diameter: 0.32 m

Core diameter: 35 mm

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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