

Premium Hortshade® Heavy



Product Profile

Shadecloth Range

Rev.5 05/13

Product Description

Premium Hortshade® Heavy is a high quality heavy-duty knitted shadecloth available in a range of colours and supplied in bulk rolls for a wide range of industrial, horticultural and agricultural applications.

Material

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

Features

- Meets Australian standard AS 4174 – 1994 Synthetic Shadecloth.
- 10 year UV warranty on fabric.
- Strong HDPE fabric won't rot or absorb moisture.
- 100% recyclable material
- 100% Lead and Phthalate Free
- Greenguard® and Oeko-Tex® certified

Usage Instructions

- Fabric is not flame proof.
- Contact with chemicals and/or pesticides that contain sulphur, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

Properties

Nominal fabric mass 287 gsm ± 20
 (AS 2001.2.13)
 Approximate Thickness 1.35mm

Performance

Tensile Strength - Warp 545 N/50mm
 Elongation at break 89.5 %
 Tensile Strength - Weft 2032 N/50mm
 Elongation at break 56.1 %
 (AS 2001.2.3)
 Wing Tear – Warp (mean) 109 N
 (AS 2001.2.10)
 Wing Tear – Weft (mean) 225 N
 (AS 2001.2.10)
 Bursting Pressure (mean) 2400 kPa
 (AS 2001.2.4)
 Bursting Force (mean) 1205 N
 (AS 2001.2.19)

Flammability

(AS 1530.2)
 Flammability index (range 0-100) 33

Suggested Specification

Shadecloth fabric shall be compliant to AS 4174 and shall be Synthesis Premium Hortshade Heavy knitted HDPE monofilament shade fabric.

Colour	Code	Nom. Width	Length	Cover Factor	Av. % Transmis.	Shade Factor	Av. UVR Transmis.	AV. PAR Transmis.	% UVR Block
Forest Green	429072	1.83 m	50 m	76	27%	73%	25%	28%	75%
Black	429065			77	23%	77%	23%	23%	77%
Forest Green	429096	3.66 m (Folded)	50 m	76	27%	73%	25%	28%	75%
Black	429089			77	23%	77%	23%	23%	77%

Approx. roll weight: 27 kg 55 kg
 Approx. roll diameter: 0.30 m 0.42 m
 Core diameter: 35 mm 35 mm

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

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 Profiles are subject to alteration without notice.
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