

Premium Hortshade[®] Extra Light



Product Profile

Commercial Knitted Fabrics

Rev.5 05/13

Product Description

Premium Hortshade[®] Extra Light is a green colour high quality light-duty knitted shade cloth designed for a range of industrial, horticultural and agricultural shading applications; available in bulk rolls.

Material

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

Features

- 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
- Designed to meet harsh weather conditions.

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 92 gsm ± 5
 (AS 2001.2.13)
 Approximate thickness 0.43 mm

Performance

Tensile Strength - Warp 349 N/50mm
 Elongation at break 59.7 %
 Tensile Strength - Weft 404 N/50mm
 Elongation at break 82.1 %
 (AS 2001.2.3)
 Wing Tear – Warp (mean) 86 N
 Wing Tear – Weft (mean) 65 N
 (AS 2001.2.10)
 Bursting Pressure (mean) 800 kpa
 (AS2001.2.4)
 Bursting Force (mean) 452 N
 (AS 2001.2.19)

Flammability

(AS 1530.2)
 Flammability index (range 0-100) 1

Suggested Specification

Shade cloth fabric shall be Synthesis Premium Hortshade Extra Light knitted HDPE monofilament shade fabric

Made to order

Colour	Code	Nom. Width	Length	Cover Factor	Av. % Transmis.	Shade Factor	Av. UVR Transmis.	AV. PAR Transmis.	% UVR Block
Forest Green	428907	1.83 m	50 m	31	71%	29%	70%	72%	30%
Forest Green	428914	3.66 m (Folded)	50 m						

	1.83 m	3.66 m
Approx. roll weight:	9 kg	18 kg
Approx. roll diameter:	0.21 m	0.28 m
Core diameter:	35 mm	35 mm

Tested according to AS 4174 Synthetic Shade cloth
 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 specifications are subject to alteration without notice.

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