

# Premium Hortshade® Medium



Product Profile

Shadecloth Range

Rev.5 05/13

## Product Description

Premium Hortshade® Medium is a high quality medium-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 yarn  
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 250 gsm ± 20  
(AS 2001.2.13)  
Approximate thickness 1.18mm

## Performance

Tensile Strength - Warp 591 N/50mm  
Elongation at break 60.8 %  
Tensile Strength - Weft 1485 N/50mm  
Elongation at break 54.7 %  
(AS 2001.2.3)  
Wing Tear – Warp (mean) 113 N  
(AS 2001.2.10)  
Wing Tear – Weft (mean) 196 N  
(AS 2001.2.10)  
Bursting Pressure (mean) 2450 kPa  
(AS 2001.2.4)  
Bursting Force (mean) 1170 N  
(AS 2001.2.19)

## Flammability

(AS 1530.2)  
Flammability index (range 0-100) 22

## Suggested Specification

Shadecloth fabric shall be compliant to AS 4174 and shall be Synthesis Premium Hortshade Medium 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	429003	1.83 m	50 m	68%	35%	65%	33%	35%	67%
Black	428983			68%	33%	67%	33%	33%	67%
White	429010			66%	62%	38%	35%	70%	65%
Beige	428990			67%	48%	52%	35%	51%	65%
Forest Green	429041	3.66 m (Folded)	50 m	68%	35%	65%	33%	35%	67%
Black	429027			68%	33%	67%	33%	33%	67%
White	429058			66%	62%	38%	35%	70%	65%
Beige	429034			67%	48%	52%	35%	51%	65%

1.83 m 3.66 m

Approx. roll weight: 22 kg 43.5 kg  
Approx. roll diameter: 0.28 m 0.40 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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