Handyscreen® Light

Product Profile **Commercial Knitted Range**

Rev.4 05/13

Product Description

Handyscreen® is a light weight knitted polymer fabric designed for covering plastic film hot houses and green houses and other ultra-light duty shade applications; sold in bulk rolls.

Material

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

Features

- Strong HDPE fabric won't rot or absorb moisture.
- Lock stitch construction won't tear or fray if accidentally cut.
- Designed in Australia to meet harsh weather conditions.
- Available in two shade factors, light and medium.
- Open knit construction offers an optimum blend of shade and photosynthetically active light.
- Eliminates the need for painting hot houses or green houses to reduce heat.
- 100% recyclable material
- 100% Lead and Phthalate Free
- Greenguard® and Oeko-Tex® certified

Properties

Nominal fabric mass *(AS 2001.2.13)*	70 gsm ± 5
Approximate thickness	1.20 mm

Performance

Tensile Strength - Warp	265 N/50mm
Elongation at break	34 %
Tensile Strength - Weft	101 N/50mm
Elongation at break *(AS 2001.2.3)*	85 %
Wing Tear – Warp (mean) *(AS 2001.2.10)*	100 N
Wing Tear – Weft (mean) *(AS 2001.2.10)*	83 N
Bursting Pressure (mean) *(AS 2001.2.4)*	580 kPa
Bursting Force (mean) *(AS 2001.2.19)*	316 N

Usage Instructions

- Fabric should be well secured during windy conditions.
- 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.

Colour	Code	Width	Length	Cover Factor	Shade Factor	Av. % Transmis.	Av. PAR Transmis.	% UV Block
White (light)	300999	3.66 m	300 m	61.0	43.9 %	56.1 %	62.4 %	60.2 %

Approx. roll weight:	79 kg
Approx. roll diameter:	0.50 m
Core diameter:	45 mm

According to AS4174
Av. % Transmis. = Average % Transmission within the 290-770nm 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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