

GALE
COMMERCIAL

Premium
Hortshade®
Extra Light

Product Profile



Premium Hortshade® is engineered for the rigorous demands of professional nurseries and greenhouse operations, providing the high light transmission and consistent temperature regulation required to optimise growth environments. Designed to create a controlled micro-climate that protects delicate seedlings from wind damage and heat stress, it delivers the structural integrity and UV longevity essential for professional-grade climate control in both commercial production and retail nursery centres.

Features and Benefits

- **Engineered Micro-Climate:** Regulates solar radiation allowing for optimal PAR (Photosynthetically Active Radiation) levels helping manage ambient temperatures for improved plant health.
- **Stability & UV Protection:** Stentered (heat-set) to prevent deformation and simplify fabrication with integrated UV-stabilisers providing a 30% UV block.
- **Extreme Strength:** 100% virgin grade polymers in HDPE monofilament construction for superior tensile strength, rot-proof performance, and moisture resistance.
- **Tear-Resistant Lock-Stitch:** Sophisticated lock-stitch construction prevents fraying and ensures fabric stability even if cut or punctured.



10 Year
Warranty



Lead &
Phthalate Free



PFAS Free



Recyclable HDPE



12 HUS 15194
HOHENSTEIN HTTI



ADVANCED
TEXTILES
ASSOCIATION

For more information, visit galecommercial.com

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Technical Specifications

Fabric Properties		
	Metric - AS 2001.2.13 (mass per unit)	
Nominal Fabric Mass	92 gsm ± 20	
Approx. Thickness	0.43 mm	
Roll Specifications		
	Metric (mass per unit)	Imperial (mass per unit)
Nominal Width (folded)	4.0 m	13.1 ft
Length	50 m	164 ft
Approx. Roll Weight	34 kg	75 lbs
Approx. Roll Diameter	0.30 m	0.98 ft
Core Diameter	35 mm	1.38 in

Available in Multiple Weight Options:

Extra Light (92 GSM), Light (160 GSM), Medium (220 GSM), and Heavy (276 GSM)

Performance Data

Maximum Force And Elongation - Strip Method (AS 2001.2.3.1-2001)	
Maximum Force - Warp (Mean)	349 N/50mm
Elongation at Maximum Force - Warp (Mean)	59.7 %
Maximum Force - Weft (Mean)	404 N/50mm
Elongation at Maximum Force (Mean)	82.1 %
Tear Resistance - Wing Rip Method (AS 2001.2.10-1986)	
Wing Tear - Warp (Mean)	86 N
Wing Tear - Weft (Mean)	65 N
Bursting Pressure - Hydraulic Diaphragm Method (AS 2001.2.4)	
Bursting Pressure (Mean)	800 kPa
Bursting Force - Ball Burst Method (AS 2001.2.19-1988)	
Bursting Force (Mean)	452 N

Shade Protection Fabric Performance (AS 4174:2018)							
Colour	Cover Factor	Shade Factor %	UV-vis Trans %	UVR Trans %	UVR Block %	PAR Trans %	Designation
White	31	29	71	70	30	72	Extra Light

Care & Maintenance

Do not use near open flames. Avoid contact with organic solvents, halogens, or highly acidic substances (such as certain pesticides or fertilisers), as these can reduce the service life of the fabric and may void the warranty.

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. As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

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