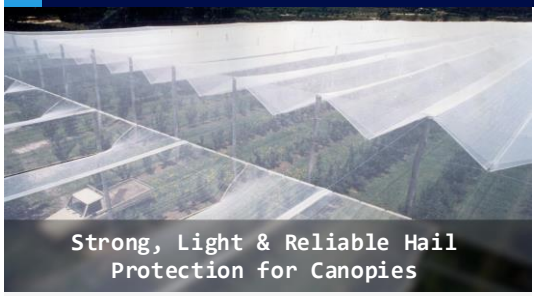
GALE COMMERCIAL

Hailguard®

Product Profile



Hailguard® is a premium, high-performance knitted HDPE fabric engineered for permanent horticultural canopy systems, purpose-built to protect crops and infrastructure from damaging hail events. Designed to absorb and deflect hail impact while maintaining high light transmission, Hailguard® helps reduce crop loss and improve yield predictability, supporting healthy crop growth without compromising plant performance.

Features and Benefits

- **Hail Impact Protection:** Engineered to absorb and deflect hail impact, helping safeguard high-value crops and canopy assets from storm damage.
- **High Light Transmission:** A low shade factor delivers excellent light transmission to support strong plant growth and performance under canopy.
- **Long-Life Durability:** UV-stabilised HDPE construction resists degradation for long-term outdoor exposure, backed by a 15-year warranty.
- **Installation-Ready Reinforcement:** Reinforced selvedge with eyelets and a reinforced centre band supports secure, efficient installation on permanent structures, including gable configurations.

15 Year Warranty | Lead & Phthalate Free | PFAS Free | Recyclable HDPE

OEKO-TEX® STANDARD 100 12.HUS.15194 HOHENSTEIN HTTI | GREENGUARD GOLD | ATA 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	75 gsm ± 5	
Yarn	UV Stabilised HDPE	
Pattern	Lock-stitch Tringle Knitted	
Temperature Range	-30°C to +75°C	
Roll Specifications		
	Metric *(mass per unit)*	**Imperial** *(mass per unit)*
Nominal Width (folded)	6.5 m	21.4 ft
Length	200 m	656 ft
Approx. Roll Weight	114 kg	251 lbs
Approx. Roll Diameter	0.60 m	1.97 ft
Core Diameter	75 mm	2.95 in

Performance Data

Shade Protection Fabric Performance *(AS 4174:2018)*

Colour	Code	Nom. Width	Length	GSM	Shade Factor	Av. % Transmis.	Av. PAR Transmis.	% UV Block
White	2000342	6.5 m	200 m	75	10%	90%	93%	21%

Available in Made to order only. Contact your GALE Pacific representative for lead time information. Minimum order quantity applies.

Care & Maintenance

Do not use near open flames. Avoid contact with chemicals, pesticides or organic solvents which contain sulphur, halogens, or highly acidic substances, as these will reduce service life and 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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