

GALE
COMMERCIAL

QuadCrossover®

Product Profile



The Innovative Standard for
Multi-Hazard Crop Protection

Quad Crossover® is a high-performance netting specifically engineered for protective crop canopies. Featuring an innovative lock-stitch with a unique four-yarn crossover construction, the HDPE monofilament delivers the structural integrity required for bird deterrence, hail protection, and microclimate regulation. This diamond-profile fabric solution safeguards high-value crops from environmental extremes while reducing transpiration evaporation to foster superior growing conditions.

Features and Benefits

- **Microclimate Control:** Fosters a stable microclimate to regulate temperature and reduce transpiration evaporation, optimising growing conditions.
- **Maximum Yield Potential:** Delivers a precise balance between protection and light exposure, ensuring crops receive the necessary P.A.R. transmission to thrive.
- **Water Conservation:** Reduces transpiration and evaporation while minimising spray drift, helping maintain soil moisture, and reduce irrigation costs.
- **Reinforced Engineering:** Features reinforced edges for superior structural integrity and ease of handling during installation over large-scale canopies.



15 Year
Warranty



Lead &
Phthalate Free



PFAS Free



Recyclable HDPE



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)	Imperial - ASTM D3776 (mass per unit)
Nominal Fabric Mass	36-108 gsm* ± 20	1.06-3.36 oz / yd ²
Yarn	UV Stabilised HDPE	
Pattern	Diamond lock-stitch with 4 yarn crossovers	
Temperature Range	-30°C to +75°C	
Packaging		
Bale Material	Woven Polypropylene	Woven Polypropylene
Bale Size	1.75 m x 1.02 m x 1.02 m	5 ft 9 in x 3 ft 4 in x 3 ft 4 in

Performance Data

Shade Protection Fabric Performance (AS 4174:2018)									
Colour	Code	Aperture Size	Nom. Width	Length	GSM	Shade Factor	Av. % Transmis.	Av. PAR Transmis.	% UV Block
Black	469696*	8 mm	10 m	300 m	108	37%	63%	63%	37%
White	445928	12 mm	12 m	330 m	97	16%	84%	88%	29%
Black	441692*	12 mm	12 m	330 m	97	30%	70%	70%	30%
White	445911	12 mm	14 m	330 m	97	16%	84%	88%	29%
White	429911	16 mm	16 m	360 m	83	12%	88%	90%	22%
Black	441777*	16 mm	16 m	360 m	83	23%	77%	77%	23%
White	429928	20 mm	20 m	330 m	72	12%	88%	91%	23%
Black	441807*	20 mm	20 m	330 m	72	20%	77%	77%	23%
White	504229*	20 mm	24 m	270 m	72	12%	88%	91%	23%
Black	441814*	24 mm	24 m	280 m	70	17%	80%	84%	20%
Black	455439*	38 mm	38 m	300 m	36	8-12%	87-92%	87-93%	8-14%

*Available in Made to order only. Contact your GALE Pacific representative for Lead time information. Minimum order quantity is seven bales. Test results available upon request. Each colour individually tested and passes ALL certification criteria for above.

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.

Usage Instructions

Quad Crossover® should be used in conjunction with a suitably engineered canopy, taking into account wind loads, and possible weight loading under hail storm conditions