

Solarpro™

QUALITY REINFORCED HOT HOUSE FABRIC



Protecting your investment

Solarpro™ is a heavily UV stabilised general purpose cover for agricultural and horticultural purposes.

polyfab™
Australia

Solarpro™ QUALITY REINFORCED HOT HOUSE FABRIC



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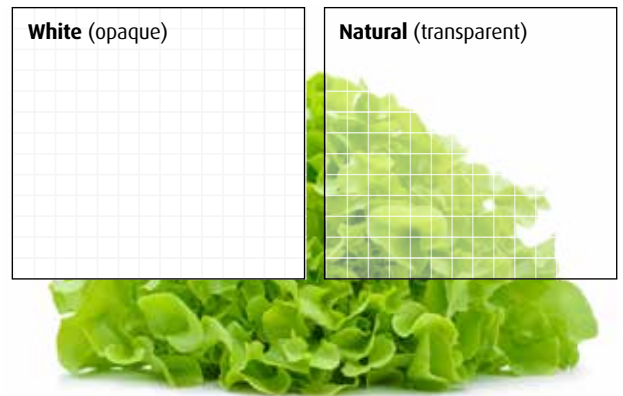
Solarpro™ is our Polyshield Natural or White, made from transparent H.D.P.E with woven scrim. Solarpro™ is heavily U.V. stabilised and has a 5 year UV warranty.

Please note: Solarpro™ is designed as a general purpose cover for agricultural and horticultural purposes. This product is not suitable for applications where excessive flexing or 'wind flap' is present.

Product profile

Base Fabric:	Woven High Density Polyethylene Scrim	
	Hot melt extruded coatings using Low Density Polyethylene	
Weight:	180gsm +/- 10%	
UV Stabilisation:	Chimassorb 2020 from BASF in the tapes and coating	
Light Transmission:	Natural 85.6% – White 50.0%	
Refractivity Index Natural:	1.51	
Thermal Resistance Natural:	0.0188 m2k/w	
Thermal Conductivity Natural:	0.016 w/mk	
Construction of base fabric:	10 x 10-1000D-HDPE	
Hot melt extrusion:	2 x 45 microns-LDPE	
Production Tolerance:	+/- 10% in weight and properties	
	WARP	WEFT
Breaking Force: AS 2001.2.3.1-2001	1000N	935N
Breaking Extension	22.1%	20%
Tear Resistance: AS 2001.1.2.10-1986	188N	166N
Bursting Force (Mean): AS 2001.2.19-1988	1224N	
Bursting Pressure (Mean): AS 2001.2.4-1990 Method B	1900kPa	

Solarpro™ is available in 2 colours.



Available widths

1.83 x 50m	1.83 x 100m	1.83 x 1000m
2.05 x 50m	2.05 x 100m	2.05 x 1000m
2.70 x 50m	2.70 x 100m	2.70 x 1000m

Product Disclaimers:

This product is designed as a general purpose cover for agricultural and horticultural purposes. This product is not suitable for applications where excessive flexing or 'wind flap' is present.

The product specifications represent the results sourced from third party testing authorities, and tolerances may vary by as much as +/- 10%.

Due to our continual product development process, product profiles are subject to change at any time without notice. The manufacture reserves the right to alter or modify the product specifications without notice, and assumes no obligation or liability for the suitability and use of its products other than the applications intended by the manufacture.

Ultra Violet (UV) Warranty

Solarpro™ UV warranty covers any *abnormal deterioration resulting from Ultra Violet exposure for a period of five years (5).

If proven that the fabric has deteriorated more than the specified value during the 5 year warranty term, Polyfab Australia will completely at their discretion supply replacement material (same or of equivalent specifications), or contribute to the cost of alternative fabric on the following pro-rata basis:

- The first 2 years of exposure 75% of retained strength
- After 2-5 years of exposure 50% of retained strength

This warranty does not cover deterioration caused by exposure to excessive wind flap, pollution, chemicals, solvents, cleaning agents or other substances that may be harmful to the performance of the UV stabilisers.

- Abnormal Deterioration means deterioration exceeding 25% of the fabrics original tensile strength each concurrent year from UV exposure.



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