



QUALITY REINFORCED GREENHOUSE/HOTHOUSE FABRIC
 SOLARPRO™ is a heavily UV stabilized general purpose cover for agricultural and horticultural purposes.

Solarpro™



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Protecting your investment



Product profile

Base Fabric: Woven High Density Polyethylene Scrim
Hot melt extruded coatings using Low Density Polyethylene
Nominal Weight: 5.3 oz/sq. yd 180gsm +/- 10%
UV Stabilization: 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	

Available in 2 colors

- White (opaque) *Special order*
- Natural (transparent)

Nominal weight

5.3 oz/sq. yd 180gsm +/- 10%

Available widths/Roll sizes

72" x 55 yd	106" x 55 yd
72" x 109 yd	106" x 109 yd
72" x 1,094 yd (Special Order)	106" x 1,094 yd (Special Order)

Other widths/sizes available on special order - please inquire

Product Disclaimers:

- Please note that 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.

Solarpro™ is made from virgin resins, and uses only the best UV stabilizers in both woven reinforced scrim and the hot melt extruded coatings, to ensure that the fabric retains its flexibility and strength under the harsh Australian sun.

Solarpro™ Limited Warranty states that the fabric will not suffer from abnormal deterioration from ultra violet exposure for a period of 5 years from the date of installation.

- The term abnormal deterioration means deterioration exceeding 20% of the fabric's original strength for each year over the 5-year warranty period, and does not include normal wear and tear.

If the fabric does suffer from abnormal deterioration during the 5-year warranty period, Polyfab will, at its option, either replace the fabric or supply equivalent fabric, or pay to the initial purchaser the cost of replacing the fabric or acquiring equivalent fabric on the pro-rata basis specified on the Limited Warranty (see website for details, Exclusions and Product Disclaimers).

The product specification represents the results sourced from a 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 manufacturer 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 manufacturer. It is the customers responsibility to determine if the Polyfab USA products are appropriate and suitable for the application.

Care should be taken to avoid exposure to chemicals that may contain Bleach, or other agricultural or Industrial chemicals containing Sulphur and or Halogens (Chlorine or Bromine). These Chemicals could attack the UV stabilizers in the High Density woven coated fabric, thus reducing the life of the product and negating the Limited Warranty.

