

Polyshield®

HIGH QUALITY WOVEN COATED POLYETHYLENE FABRIC



Protecting your assets

Polyshield® is a high quality reinforced fabric suitable for disaster and storm tarps, haystack covers, trailer and machinery covers, tent and caravan flooring and flyover covers.



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Polyshield® is tough under the sun

Polyshield® is an ideal quality reinforced fabric suitable for haystack covers, trailer and machinery covers, tent and caravan flooring and draft strips. It is made from virgin resins, and uses only the best UV stabilisers from BASF, to ensure that the fabric retains its flexibility and strength under the harsh Australian sun.

Polyshield® comes with a 3 year warranty* covering premature breakdown as a result of exposure to the sun's UV rays.

Quality UV additives are applied to the tapes that are woven into the reinforced scrim, and to the hot melt extruded coatings.

Polyshield® is available in 2.05 m widths and in 50 L/m and 1000 L/m rolls.

Polyshield's® colour range includes Green, Yellow, Blue, Beige, White, White/Silver and Green/Silver.

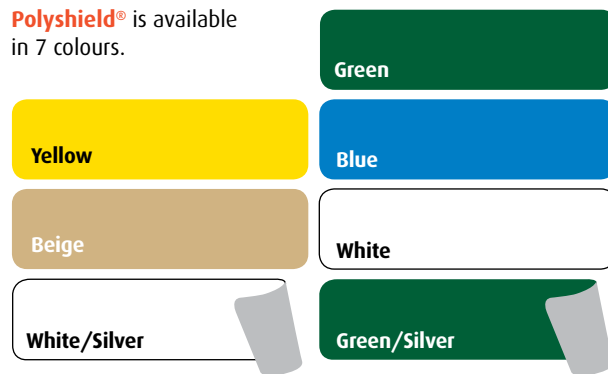
Welding and joining

Polyshield® is easily joined with a commercial sewing machine and has excellent weldability. We recommend that if you are using a tape welder, that you use compatible welding tapes split from rolls of Polyshield.

Product profile

Base Fabric:	HDPE	
Weight:	250 GSM +- 10%	
Roll Sizes:	2.05 X 50	2.05 X 1000
UV Stabilisation:	3 Year UV Warranty	
Colours:	Green, Yellow, Blue, Beige, White, White/Silver, Green/Silver	
Hot melt extrusion:	2 x 55 microns - LDPE	
Tolerance:	10% in weight and properties	
Construction of base fabric:	12 x 12 - 1500 D - HDPE	
	WARP	WEFT
Breaking force/50mm:	1591 N	1353 N
Breaking extension:	20.8%	20.1%
Tear resistance (Mean)	254 N	249 N
Bursting force (Mean)	1922N	1922 N
Hydrostatic Pressure (Mean): AS 2001.2.17-1988	3150kPa	
Coating Thickness	5.5 micron both sides	

Polyshield® is available in 7 colours.



Product Disclaimers:

- Please note that Polyshield® is not suitable for use as a grain cover or other applications where the fabric is exposed to excessive wind flap.

This woven coated HDPE fabric has been designed as a general purpose cover for the agricultural and horticultural purposes. It is suitable for hay stack and cotton covers, small trainer and machinery covers. It's also suitable for use in the caravan and camping industry for annexe protection covers and draft strips in caravans.

Polyshield® is made from virgin resins, and uses only the best UV stabilizers in both woven reinforced scrim and to the hot melt extruded coatings, to ensure that the fabric retains its flexibility and strength under harsh Australian sun. Polyshield comes with a conditional 3 year Ultra Violet warranty covering any abnormal deterioration resulting from Ultra Violet exposure.

- 80% retained strength after UV exposure for the first year.
- 60% retained strength after UV exposure of 2 years.

Where Material breakdown is alleged a sample of the effected fabric should be provided to Polyfab Australia for an independent laboratory assessment. If proven that the fabric has deteriorated more than the specified value during the 3 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 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 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. It is the customers responsibility to determine if the Polyfab Australia 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 Bromine). These Chemicals could attack the UV stabilisers with the High Density woven coated fabric, thus reducing the life of the product and negating the UV warranty.



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