

# ***Polyshield™***

**HIGH QUALITY WOVEN COATED POLYETHYLENE FABRIC**



## ***Protecting your assets***

Polyshield™ is a high quality reinforced HDPE fabric suitable for disaster and storm tarps, haystack covers, stationary equipment covers, tent flooring and wherever a lightweight substitute for PVC coated fabrics are desired (not suited for over-the-road use).



# Polyshield™

HIGH QUALITY WOVEN COATED POLYETHYLENE FABRIC



## Polyshield™ is tough under the sun

**Polyshield™** is a high quality woven/coated HDPE reinforced fabric designed as a general purpose cover for agricultural, horticultural, emergency and industrial purposes. It is suitable for hay stack and cotton module covers, stationary machinery covers and disaster protection. Also used in the RV and camping industries for tent flooring and protection covers. It is made from virgin resins, and uses only the best UV stabilizers 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 81" wide x 55 yard rolls (stocking) and 1,094 yard rolls (special order).

**Polyshield's™** color range includes Green, Yellow, Blue, Beige, White, White/Silver and Green/Silver.

## Welding and seaming

**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: 7.4 oz/sq. yd (250gsm) +/- 10%			
Roll Sizes: 81" wide x 55 yard rolls (stocking) and 1,094 yard rolls (special order)			
UV Stabilization: 3 Year UV Warranty			
Colors: 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			
		<b>WARP</b>	<b>WEFT</b>
Breaking force/50mm:	lbs	1591	1353
Breaking extension:	%	20.8	20.1
Tear resistance (Mean)	lbs	57	56
Bursting force (Mean)	lbs/in	432	432
Hydrostatic Pressure (Mean): AS 2001.2.17-19883		150kPa	
Coating Thickness		5.5 micron both sides	

## Polyshield™

is available in 7 colors.

Green

Yellow

Blue

Beige

White

White/Silver

Green/Silver

## Product Disclaimers:

- Please note that Polyshield™ is not suitable for use as an 'over-the-road' cover or other application where the fabric is exposed to excessive wind flap.

**Polyshield™** 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. \*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 affected fabric should be provided to Polyfab USA for an independent laboratory assessment. If proven that the fabric has deteriorated more than the specified value during the 3 year warranty term, Polyfab USA 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:

**1st year - 100% of the original fabric purchase price**

**2nd year - 70% of the original fabric purchase price**

**3rd year - 40% of the original fabric purchase price**

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 UV warranty.



[www.PolyfabUSA.com](http://www.PolyfabUSA.com)