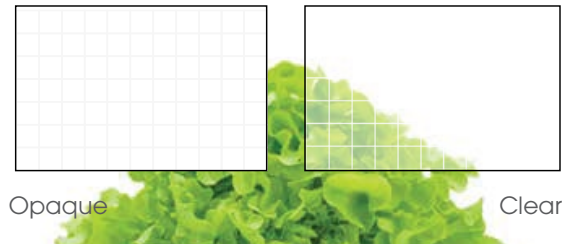




SOLARPRO AND POLYSHIELD

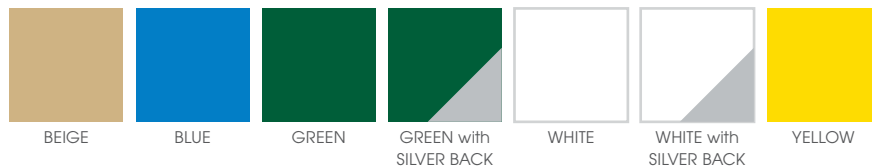
SOLARPRO

Solarpro is a Type E fabric, woven from UVR stabilised HDPE tape and hot melt coated with LDPE. It is designed as a general purpose, light-weight cover for general agricultural and horticultural applications, and is available in natural (translucent) or white (opaque). Like all products of this type, the product needs to be well secured to minimise the risk of flex cracking and delamination under wind load.



POLYSHIELD

Polyshield is a similarly constructed but heavier fabric than Solarpro, and is suited for general purpose rural, camping and industrial applications, such as haystack and machinery covers, tent flooring, and as emergency roof tarps.



PRODUCT SPECIFICATION

Product	Solarpro	Polyshield
Construction		
HDPE Base Fabric	10 x 10 x 1000 Denier tape	12 x 12 x 1500 Denier tape
LDPE Coating Thickness	45 micron both sides	55 micron both sides
Weight	180gsm ± 10% tolerance	250gsm ± 10% tolerance
Light Transmission (%)	Natural: 85.6 White: 50	-
Width (m)	1.83, 2.05, 2.70	2.05
Roll Length (m)	50, 100, 1000	50, 1000
Refractive Index	1.51 ⁽¹⁾	-
Thermal Resistance	0.0188 m ² Kelvin/Watt ⁽¹⁾	-
Thermal Conductivity	0.016 Watts/m Kelvin ⁽¹⁾	-
Tensile Strength AS 2001.2.3.1-2001 Warp / Weft (N/50mm)	1000 / 935	1591 / 1353
Tear Strength AS 2001.1.2.10-1986 Warp / Weft (N/50mm)	188 / 166	254 / 249
Bursting Force AS 2001.2.19-1988 (N)	1224	1922
Bursting Pressure AS 2001.2.4-1990 Method B (kPa)	1900	3150
Warranty	5 years	3 years

Note (1) : Applies to natural (translucent) option only