

Polyguard 295 is a polyethylene (PE) yarn which is woven using air-jet technology and then extrusion coated both sides using a UV treated LDPE (low density polyethylene) plastic layer. It can be used in a wide variety of applications including tarpaulins, floor tarps, agricultural covers, caravan and camping products. It has a flat & glossy surface with good tearing resistance, can be easily welded and with excellent welding adhesion.



Quality

Economy

▶ Performance

Premium

### Product information

Composition:	Woven tape yarn scrim with thermoplastic PE layers.
Main Applications:	General purpose coverage and protection, including tarpaulins, agricultural covers, tents, caravan & camping items.
Features:	Air-jet woven, excellent scrim strength and coating adhesion.
Benefits:	Excellent durability, weldability, shrinkage performance & price.
Surface Treatment:	Glossy finish, UV treated
Formulation:	Thermoplastic UV stabilised LLDPE coating on HDPE tape yarn
Storage Conditions:	Store at 10~25 °C (50~77 °F) and 50% relative humidity.
Shelf Life:	1 year from date of manufacture

### Certifications

#### Application

- General purpose coverage and protection, including tarpaulins, agricultural covers, tents, caravan & camping items.

### Weight

- 295 grams per m<sup>2</sup> ± 5%

### Stock Availability

Sheet Sizes:	Up to 3200mm x 1830mm
Roll Widths (mm):	2050
Roll Lengths (mtrs):	50 & 1000
Log Cutting:	Yes
Standard Core:	76mm ID

### Durability

- 10 years
- 1 ~ 3 years (limited)

### Printing

Method:	Test for Suitability
Printable Sides:	Test for Suitability
Ink Suitability:	Test for Suitability

### Eco Response

#### Heavy Metal Free

- Yes

#### Recyclable

- Yes

### Basic Physical Data

Thickness:	0.44mm ~ 0.46mm
Weight:	295gsm
Composition:	Woven tape yarn scrim with thermoplastic PE layers.
Denier & Density:	1500 x 1500 (15x15)
Gloss Level:	Glossy

### Thermal Data

Heat Resistance:	70°C
Cold Resistance:	-30°C
Shrinkage:	± 1%

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## Physical Characteristics

<b>Flame Retardant</b>	None
<b>Weight</b>	295 grams per m <sup>2</sup> ± 5%
<b>Yarn / Scrim</b>	1500D x 1500D
<b>Tensile Strength</b>	1561/1433 - DIN53354(N/5cm)
<b>Density / Threads</b>	15 x 15
<b>Gloss Level</b>	High
<b>Surface Finish</b>	Gloss
<b>UV Stabilized</b>	Yes, to maximum concentration

## Finishing

<b>Cutting</b>	✓
<b>Welding</b>	✓
<b>Folding</b>	✓
<b>Gluing</b>	✓
<b>Eyeletting</b>	✓
<b>Stitching</b>	✓
<b>Laminating</b>	X
<b>Bending</b>	✓
<b>Routing</b>	X
<b>Punching</b>	✓
<b>Drilling</b>	✓
<b>Screwing</b>	✓
<b>V-Grooving</b>	X