

Polyguard 295 is a polyethylene (PE) yarn which is woven using water-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:           | Water-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%  |

**ASK  
US**

## 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 |