



ProFab® PP WOVEN GEOTEXTILE PP30 & PP80

DESCRIPTION

ProFab woven geotextiles are manufactured from the extrusion of polypropylene into either a flat tape or bundled tape fabric. These geotextiles have a defined strength in both the roll and cross roll direction. These geotextiles develop strength at relatively low strains.

APPLICATION

ProFab woven geotextiles are ideally suited for applications of separation of dissimilar materials with a secondary benefit of reinforcement. ProFab woven geotextiles are ideally suitable for the construction of paved and unpaved roads.

TYPICAL PROPERTIES

| MECHANICAL PROPERTIES | TEST METHOD | UNIT | PP30 | PP80 |
|--------------------------------|-------------|------------------|-------------------|-----------|
| Wide Width Tensile Strength XD | ISO 10319 | kN/m | 30 | 80 |
| Wide Width Tensile Strength MD | ISO 10319 | kN/m | 28 | 80 |
| Strain XD | ISO 10319 | % | 15 | 14 |
| Strain MD | ISO 10319 | % | 20 | 19 |
| CBR Burst Strength | ISO 12236 | kN | 3.5 | 10 |
| HYDRAULIC PROPERTIES | | | | |
| Pore Size | ISO 12956 | mm | 0.3 | 0.3 |
| Nominal Flow Rate | ISO 11058 | litres/m2/s | 23 | 20 |
| PHYSICAL PROPERTIES | | | | |
| Mass | | g/m ² | 150 | 360 |
| Roll Size | | m | 4.0 or 5.33 x 150 | 5.2 x 100 |
| Nominal Roll Weight | | kg | 90/120 | 200 |

DISTRIBUTORS OF :

- Geotextiles**
- Geogrids**
- Dewatering Tubes**
- Subsoil Drainage**
- Wick Drains**
- Erosion Control**
- Gabions & Rock Mattresses**
- Industrial Fabrics**
- Lining Systems**

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Polypropylene is one of the most highly durable polymers known to man. It is resistant to all natural occurring soil acids and alkalis. Polypropylene geotextiles are unaffected by bacteria and fungi. Properties of ProFab geotextiles are typical values and correspond to average values derived from in house and independent laboratory testing.

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