



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	30	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/m ² /s	23	20
PHYSICAL PROPERTIES				
Mass		g/m ²	150	360
Roll Size		m	5.85x160	5.85 x 100
Nominal Roll Mass		kg	170	235

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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