



ProFab® MONOWEAVE

PREMIUM FILTER GEOTEXTILE
FOR HIGH FLOW DRAINAGE, FILTRATION, SEPARATION

DESCRIPTION

ProFab monoweave geotextiles are comprised of UV stabilized polypropylene monofilament and tape yarns that provide excellent physical and hydraulic properties. ProFab monoweave geotextile has a unique, dimensionally stable filtration weave.

APPLICATION

ProFab monoweave woven geotextiles are particularly suited to soils that are poorly graded, sands, soils are that are high in iron content and for applications such as in land fills where leachates may crystallise on the surface of the geotextile (such as nonwoven geotextiles) and cause potential clogging problems. ProFab monoweave woven geotextiles are ideal for subsurface drainage applications, leachate drains, retention pit lining, transpiration trenches and as a filter behind retaining walls.

TYPICAL PROPERTIES

PROPERTY	UNITS	MONOWEAVE PPMONO/140/2/50 WOVEN PREMIUM GRADE
Polymer		Polypropylene
Mass	g/m ²	130
Wide Width Tensile Strength	kN/m	40 warp 10 weft
Pore Size	microns	300
Flow Rate	l / m ² / s	170
Roll Dimensions	m	2.0 x 50

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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