



- Applications**
- Pavement Stabilisation
 - Subgrade Separation
 - Slope Stabilisation
 - Liner Protection

TerraTex® (PP) Non-Woven

The TerraTex® PP Non Woven geotextile range is a 100% polypropylene staple filament that is highly needed for the use of a wide range of geotechnical applications including separation, filtration and reinforcement procedures. TerraTex® PP Non Woven geotextile is manufactured according to ISO 9001 quality standards. The product is wrapped in highly UV stable outer wrap and may be left outside, onsite or for later use provided the wrapper is not removed prior to deployment and use. It is recommended installation occur within a month of delivery.

TerraTex® nonwoven geotextiles enhance the performance and design life of granular layers by providing the filtration and separation functions. Typical uses for TerraTex® standard geotextiles include ground stabilisation (between the sub-base and subgrade) around drainage materials and the protection of impermeable liners.

TerraTex®PP Non-Woven Specifications								
Properties	Standard	Units	Stats	Civil & NSW RMS/QLD MRTS Conforming Grades		Coastal & Cushioning Grades		
				434C	444D	600	900	1200
Tensile Strength Minimum of MD/CD	AS3706.2-12	kN/m	Typical	21.0	28.0	49.0	56.0	75.0
Tear Strength Minimum of MD/CD	AS3706.2-12	N	Typical	530	700	1200	1200	1650
CBR Burst Strength	AS3706.4-12	N	Typical	3700	4800	8000	9800	10000
G Rating	Austrroads	-	Typical	3500	4500	8500	11000	23000
Grab tensile Minimum of MD/CD	AS3706.2-12	N	Typical	1350	1900	2900	3100	4400
Flow Rate @ 100mm head	AS3706.9	L/m ² /s	Typical	160	120	120	70	40
Permittivity	AS3706.9-12	s-1	Typical	1.6	1.2	1.2	0.7	0.4
Pore Size (O ₉₅)	AS3706.7	Micron	Typical	90	80	75	75	75
UV Resistance	ASTM D4355	%	Typical	70 Retained				

The specification is compiled from MQA testing. To ensure this is current, contact Polyfabrics
 MD = Machine Direction; CD = Cross Machine Direction;
 Typical Values = Arithmetic Mean (50% will exceed value & 50% will not); MARV = Minimum Average Roll Value (Typical less 2 standard deviations or 97.5% will exceed this value)
 TerraStop® is a registered trademark of Polyfabrics. The information contained herein is to the best of our knowledge accurate.
 As part of our continual improvement, Polyfabrics reserve the right to amend the properties in this data sheet without prior notice.