



APPLICATIONS

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

mastaTEX® Non-Woven is a non-woven needle-punched geotextile made from polyester, providing separation, filtration, protection or reinforcement functions in engineering projects. It enhances the performance and design life of granular layers by providing the filtration and separation functions.

mastaTEX® provides specific advice and recommendations in construction through specialist laboratories and technical support.

mastaTEX® F Range is manufactured in accordance to ISO 9001:2008.

CODE
PF14
PF24
PF34
PF44
PF54
PF64

mastaTEX® PET Non-Woven Specifications															
Mechanical Properties	Standard	Units	Stats	PF14/A		PF24/B		PF34/C		PF44/D		PF54/E		PF64	
Tensile Strength MD/CD	AS3706.2-12	kN/m	Typical	11.0	10.0	15.0	14.0	20.0	18.0	26.0	25.0	35.0	33.0	38.0	36.0
Tear Strength MD/CD	AS3706.3-12	N	Typical	280	270	350	340	460	450	590	560	850	820	1000	950
CBR Burst Strength	AS3706.4-12	N	Typical	1750		2540		3300		4200		5600		6300	
G Rating	Austroroads	-	Typical	1300		1900		2600		3400		5000		5800	
Grab Tensile MD/CD	AS3706.2-12	N	Typical	600	580	950	890	1200	1100	1700	1600	2200	2100	2400	2300
UV Resistance	ASTM D4355	%	Typical	>50 Retained											
Hydraulic Properties															
Flow Rate @ 100mm Head	AS3706.9-12	l/m²/s	Typical	200		200		180		130		90		50	
Permittivity	AS3706.9-12	s <sup>-1</sup>	Typical	2.2		2.0		1.8		1.3		0.9		0.5	
Pore Size O <sub>95</sub>	AS3706.9-12	micron	Typical	<150		<120		<120		<110		<90		<75	
Product Dimensions															
Roll Length		M		100 / 250		200		150		100		75		75	
Roll Width		M		2 / 3 / 4 / 6		2 / 3 / 4 / 6		2 / 4 / 6		3 / 6		6		6	

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)

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.