



**Applications**

- Pavement Stabilisation
- Subgrade/Subsoil Separation
- Slope Stabilisation
- Liner protection

## mastaTEX® (PET) Non-Woven

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.

mastaTEX® PET Non-Woven Specifications													
Mechanical Properties	Standard	Units	Stats	PF14/A1		PF24/B1		PF34/C1		PF44/D1		PF54/E1	
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
Tear Strength MD/CD	AS3706.3-12	N	Typical	280	270	350	340	460	450	590	560	850	820
CBR Burst Strength	AS3706.4-12	N	Typical	1750		2540		3300		4200		5600	
G Rating	Austrroads	-	Typical	1300		2000		2600		3400		5000	
Grab Tensile MD/CD	AS3706.2-12 AS2001.2.3b	N	Typical	600	580	950	890	1200	1100	1700	1600	2200	2100
UV Resistance	ASTM D4355	%	Typical	>50 Retained									
Hydraulic Properties													
Flow Rate @ 100mm Head	AS3706.9-12	l/m <sup>2</sup> /s	Typical	200		200		180		130		90	
Permittivity	AS3706.9-12	s <sup>-1</sup>	Typical	2.2		2.0		1.8		1.3		0.9	
Pore Size O <sub>95</sub>	AS3706.9-12	micron	Typical	<120		<120		<120		<120		<110	