

mastaTEX® (PET) Non-Woven



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	DESCRIPTION
PF14	Non-Woven 14 – 2m / 3m / 4m / 6m x 100m
PF24	Non-Woven 24 – 2m / 3m / 4m / 6m x 200m
PF34	Non-Woven 34 – 2m / 3m / 4m / 6m x 150m
PF44	Non-Woven 44 – 3m / 6m x 100m
PF54	Non-Woven 54 – 6m x 75m
PF64	Non-Woven 64 – 6m x 75m

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/m ² /s	Typical	200	200	180	130	90	50
Permittivity	AS3706.9-12	s ⁻¹	Typical	2.2	2.0	1.8	1.3	0.9	0.5
Pore Size O ₉₅	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.