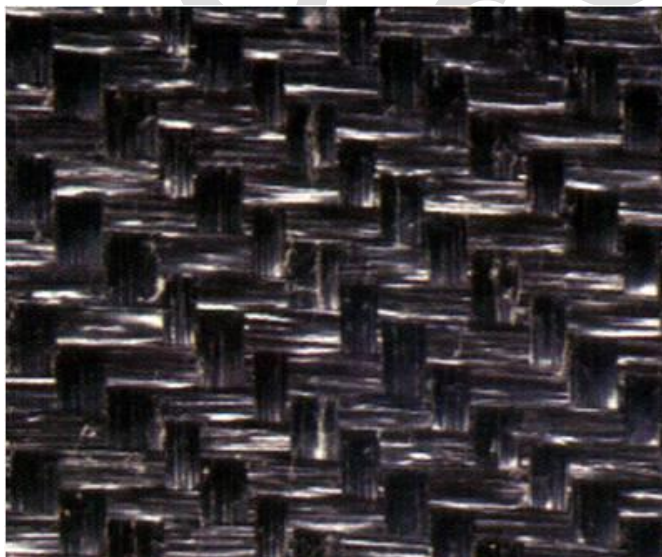


MacTex® W1			022 S
Mechanical and Hydraulic properties			
Tensile strength (MD)	EN ISO 10319	kN/m	21.5
Tolerance			- 2.15
Strain at max load (MD)	EN ISO 10319	%	25.5
Tolerance			± 5.1
Tensile strength (CD)	EN ISO 10319	kN/m	21.5
Tolerance			- 2.15
Strain at max load (CD)	EN ISO 10319	%	25
Tolerance			± 5
Static Puncture Resistance - CBR	EN ISO 12236	N	2750
Tolerance			- 275
Dynamic Perforation Resistance - Cone Drop	EN ISO 13433	mm	16
Tolerance			+ 4
Permeability - normal to plane	EN ISO 11058	m/sec	0.007
Tolerance			-0.002
Pore Opening Size O ₉₀	EN ISO 12956	µm	150
Tolerance			± 45
Physical Properties (typical)			
Warp and Weft Polymers			Polypropylene
Roll width		m	5.30 (- 0.01)
Roll length		m	100 (- 2)
Durability	EN ISO 13438		The geotextile has to be covered within one month; it is durable up to 100 years in natural soils with 4$ph\leq 9$ and soil temperature $\leq 25^{\circ}C$

MacTex® W1 geotextiles are planar woven structures manufactured by weaving polypropylene tapes in the warp and the weft directions .



NOTE

- The material can also be produced in different roll dimensions according to client requirements.
- Standard product is 5.3m wide roll for efficiency of shipping. Products manufactured to order are non-returnable and delivery times are to be advised.
- The above products illustrate our basic range. Other strengths can be produced to suit client requirements. Please contact us for further information.
- The Constant Head Permittivity Test was performed at 50mm.

MD : Machine Direction CMD : Cross Machine Direction

For the optimisation and improvement process of the technical characteristics of the products, the producer reserves the right to modify standards and characteristics of the product without warning. The information contained herein is to the best of our knowledge accurate, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept any liability for any loss or damage, however arising, which results directly or indirectly from the use of such information nor do we offer any warranty or immunity against patent infringement. Specifiers are requested to check the validity of the specification they are using.

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