

MACTEX W1™ POLYPROPYLENE WOVEN FABRICS

MACTEX W1 GRADE			2.1	3S	4S	5S	6S	8S	10S	12S
Mechanical and Hydraulic properties										
Tensile strength (Machine Direction)	kn/m	EN 10319	20	30	40	50	60	80	100	120
Extension (MD)	%	EN 10319	18	14	18	16	16	16	16	11
Tensile strength (Cross Direction)	kn/m	EN 10319	13	30	40	50	60	80	100	120
Extension (CD)	%	EN 10319	12	11	12	11	11	13	13	10
CBR (Static Puncture Resistance)	kn	EN 12236	2.0	3.7	5.0	6.0	7.0	7.0	9.0	12.0
Cone Drop Test (Dynamic Puncture Res.)	mm	EN 918	13	9	9	6	7	7	9	5
Permeability (Normal to plane)	l/m ² /sec	EN 12956	16	17	20	18	11	10	9	-
Opening Pore size O ₉₀	µm	EN 11058	220	270	230	240	230	175	200	700
Physical properties - typical										
Polymer - warp and weft	High tenacity polypropylene									
Roll width	4.5 - 5.2									
Roll length	100 100 100 100 100 100 100 100 100									
Mass per unit	g/m ²	EN 964-1	100	165	200	240	300	400	500	550

- All MACTEX W1 geotextiles are 100% polypropylene.
- The material can be produced also in 4.50 - 5.20 m wide rolls. Also the length can vary according to the requirement for special orders.
- All geotextiles are UV stabilised adding carbon black.
- The material is flammable.
- All geotextiles are black coloured but can also be supplied with different colour inserts to special order.
- The above information illustrate our basic products. MacTex W1 is available with tensile strengths up to 300 KN/m approx. Please contact us for further information and availability. Specific strengths can be created for special orders.



For the optimisation and improvement process of the technical characteristics of the products, the manufacturer reserves the right to modify the standard characteristics of the product without any notice. The information contained herein are 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 we do offer any warranty or immunity against patent infringement.

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