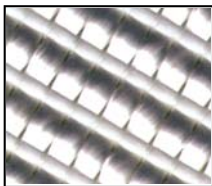


MACTEX W2®

HIGH STRENGTH WOVEN POLYESTER GEOTEXTILES

MACTEX W2 GRADE			20.5	20S	30.5	30.10	40.5	50.5	50.10	60.5	80.10	100.10
Properties												
Tensile strength (MD)	kN/m	EN 10319	220	220	330	330	440	550	550	660	880	1100
Tolerance			-20	-20	-30	-30	-40	-50	-50	-60	-80	-100
Extension at max load (MD)	%	EN 10319	10	11	12	13	12	13	13	13	13	8
Tolerance			± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2
Tensile strength (CD)	kN/m	EN 10319	55	220	55	110	55	55	110	55	110	110
Tolerance			-5	-20	-5	-10	-5	-5	-10	-5	-10	-10
Extension at max load (CD)	%	EN 10319	10	11	11	11	12	11	11	13	13	7.5
Tolerance			± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2	± 2
CBR (Static Punct. Res.)	kN	EN 12236	11	>10	>12	>18	11	>8	>8	11	11	>20
Tolerance			-3	-3	-3	-3	-3	-3	-3	-3	-3	-
Cone Drop Test (Dyn. Punct. Res.)	mm	EN 918	7	17	15	13	13	18	18	15	8	18
Tolerance			+3	+5	+4	+4	+5	+5	+5	+4	+4	+5
Permeability (Normal to plane)	l/m ² /sec	EN 12956	0.04	0.05	0.02	0.015	0.02	0.015	0.015	0.04	0.05	0.007
Tolerance			-0.02	-0.02	-0.01	-0.005	-0.01	-0.005	-0.005	-0.02	-0.02	-
Opening Pore size O ₉₀	µm	EN 11058	250	460	110	110	450	160	140	150	150	190
Tolerance			± 80	± 130	± 0.00	± 0.00	± 140	± 50	± 40	± 50	± 50	± 50
Physical properties - typical												
Polymer - warp and weft			High tenacity polyester									
Roll width			3.5 or 4.5									
Roll length			100	100	100	100	100	50	50	50	50	50/100

- All MACTEX W2 geotextiles are manufactured from 100% high strength polyester yarns
- The material can be produced also in 3.5 - 5.20 m wide rolls and the length can vary according to client requirements. Standard product is 4.5 m wide roll for efficiency of shipping. Products manufactured to order are non-returnable and delivery times are to be advised.
- The above information illustrate our basic products. Other strengths (up to 1250kN) can be produced to suit client requirements. Please contact us for further informations on availability.



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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