

WOVEN GEOTEXTILE MWG Series

Polypropylene monofilament woven geotextile is composed of high tenacity polypropylene yarns, which are woven into a net work such that the yarns retain their relative position. This geotextile is preferred for application that both strength and filtration are a concern.

Product Specifications

PROPERTIES	TEST METHOD	UNIT	NOMINAL VALUE	
			MWG500	MWG1000
Tensile Strength, MD	ASTM D 4595	lbs/in (kN/m)	450 (78.8)	1142 (200)
Tensile Strength, CD	ASTM D 4595	lbs/in (kN/m)	625 (109.4)	1142 (200)
Elongation, MD	ASTM D 4595	%	20 (max.)	20 (max.)
Elongation, CD	ASTM D 4595	%	20 (max.)	20 (max.)
Factory Seam Strength	ASTM D4884	lbs/in (kN/m)	400 (70)	913 (160)
CBR Puncture Strength	ASTM D6241	lbs (N)	2000 (8900)	4000 (17.8)
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	40 (0.43)	30 (0.60)
Water Flow Rate	ASTM D4491	gpm/ft ² (l/min/m ²)	20 (813)	20 (815)
UV Resistance (% strength retained after 500 hrs)	ASTM D4355	%	80	85

NOTES:

The values given are Minimum Average Values except elongation and UV resistance. Elongation is a Maximum Value and UV is a typical value.

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