

Geoturf® M100

Woven Geotextile

Geoturf® M100. The geotextile shall be a polypropylene monofilament geotextile. The individual monofilament shall be woven together in such a manner as to provide dimensional stability relative to each other. The geotextile shall be resistant to ultraviolet degradation and to biological and chemical environments normally found in soils. The geotextile shall conform to the mechanical and hydraulic property requirements listed below:

June 2012

Property	Test Method	Minimum Average Roll Value*	
		ENGLISH	
Grab Tensile Strength	ASTM D-4632	350/200	lbs.
Grab Elongation	ASTM D-4632	15	%
Puncture	ASTM D-4833	100	lbs.
Mullen Burst	ASTM D-3786	450	psi
Trapezoidal Tear	ASTM D-4533	120 x 90	lbs.
UV Stability (500 hrs)	ASTM D-4355	80	%
Apparent Opening Size (AOS)*	ASTM D-4751	40	U.S. Sieve
Percent Open Area (POS)	CW-02215 Mod.	6	%
Permittivity	ASTM D-4491	.5	sec ⁻¹
Water Flow Rate	ASTM D-4491	110	gpm/ft ²
Roll Size	-	36	inches

Notes: - *Maximum average roll value
 - The property values listed above are subject to change without notice.

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