



### GEOTURF® H5700 WOVEN GEOTEXTILE FABRIC

Geoturf® H5700 is a woven polypropylene geotextile containing heavy woven serrated/serrated yarns and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. These characteristics make Geoturf® H5700 ideal for the construction of embankments over soft soils, steepened slopes, and modular block and/or wrapped-face retaining walls. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils. Geoturf® H5700 conforms to the property values listed below<sup>1</sup>.

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Property	Test Method	Minimum Average Roll Value*	
		ENGLISH	
Wide Width Tensile	ASTM D-4595	4800 x 4800	lbs/ft
Wide Width Tensile 2% Strain	ASTM D-4595	960 x 1320	lbs/ft
Wide Width Tensile 5% Strain	ASTM D-4595	2400 x 3000	lbs/ft
CBR Puncture	ASTM D-6241	2000	lbs
Trapezoid Tear	ASTM D-4533	180 x 180	lbs
UV Stability (500 hrs)	ASTM D-4355	80	%
A.O.S.	ASTM D-4751	30	U.S. Sieve
Permittivity	ASTM D-4491	.40	g <sub>ec</sub> -1
Water Flow Rate	ASTM D-4491	30	gpm/ft <sup>2</sup>
Roll Size:		15 ft x 300 ft	
Notes:	<ul style="list-style-type: none"> <li>-Mullen Burst ASTM D3786 removed. Not recognized by ASTM D35 on Geosynthetics.</li> <li>-Puncture ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.</li> <li>-Properties subject to change without notice.</li> </ul>		
	<ol style="list-style-type: none"> <li>1. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported. Values represent testing at time of manufacture.</li> <li>2. Maximum average roll value.</li> </ol>		

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