

GEOTEX[®] WOVEN STABILIZATION GEOTEXTILES

PRODUCT LINE CARD¹

Property		Test Method	Value	Unit	135ST			200ST			250ST		315ST			350ST		
MECHANICAL	Grab Tensile Strength	ASTM D-4632	MARV	lb N	135 601			200 890			250 1113		315 1402			450 x 350 2002 x 1557		
	Grab Elongation	ASTM D-4632	MARV	%	12			12			12		12			15		
	Wide Width Tensile	ASTM D-4595	MARV	lbs/ft	-			-			-		-			3600 x 3240		
				kN/m	-			-			-		-			52.6 x 47.3		
	Wide Width Elongation	ASTM D-4595	MARV	%	-			-			-		-			8		
	Wide Width Tensile at 5% Strain	ASTM D-4595	MARV	lbs/ft	-			-			-		-			1356		
				kN/m	-			-			-		-			20		
	CBR Puncture	ASTM D-6241	MARV	lb	380			700			900		900			1200		
N				1691			3115			4005		4005			5340			
Trapezoidal Tear	ASTM D-4533	MARV	lb	55			75			90		120			130			
			N	245			334			401		503			579			
HYDRAULIC	Apparent Opening Size	ASTM D-4751	MaxARV	US Sieve	30			40			50		40			30		
				mm	0.600			0.425			0.300		0.425			0.600		
	Permittivity	ASTM D-4491	MARV	sec ⁻¹	0.05			0.05			0.1		0.05			0.35		
Water Flow Rate	ASTM D-4491	MARV	gpm/ft ²	4			4			6		4			30			
			l/min/m ²	163			163			245		163			1222			
ENDURANCE	UV Resistance	ASTM D-4355	MARV	% Retained @ 500 hrs	70			70			70		70			70		
PACKAGING	Roll Width ²	Measured	Typical	ft	12.5	12.5	15.0	17.5	12.5	15.0	17.5	12.5	17.5	12.5	15.0	17.5	12.5	15.0
				m	3.81	3.81	4.57	5.33	3.81	4.57	5.33	3.81	5.33	3.81	4.6	5.33	3.8	4.6
	Roll Length	Measured	Typical	ft	108	432	360	360	432	360	309	360	258	360	300	258	300	300
m				32.9	131.7	109.8	109.8	131.7	109.7	94.2	109.7	78.6	109.7	91.5	78.6	91.5	91.5	
Roll Area	Measured	Typical	yd ²	150	600	600	700	600	600	601	500	502	500	500	502	417	500	
			m ²	125	502	502	585	502	501	502	418	419	418	421	419	348	421	

Notes: 1. The property values are effective 05/2012 and are subject to change without notice.

2. Contact your local Territory Sales Manager (TSM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.