

COMPARATIVE PRODUCT SPECIFICATION CHART

WOVEN MONOFILAMENT HIGH STRENGTH GEOTEXTILES



Property	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)				
			M404	M706	M220	M330	M440
Grab Tensile	ASTM D 4632	lbs	365 x 200	370 x 250	295 x 260	450 x 350	
		kN	1.62 x 0.89	1.65 x 1.11	1.31 x 1.16	2.0 x 1.55	
Grab Elongation	ASTM D 4632	%	24 x 15	15	15	15	
Wide Width Tensile	ASTM D 4595	lb/ft			2640 x 2460	3600 x 3300	4800
		kN/m			38.5 x 35.9	52.5 x 48.2	70
Wide Width Tensile@2%	ASTM D 4595	lb/ft			480 x 588	540	960 x 1500
		kN/m			7.0 x 8.6	7.9	14 x 21.9
Wide Width Tensile@5%	ASTM D 4595	lb/ft			1212 x 1356	1500 x 1560	2400 x 3000
		kN/m			17.7 x 19.8	21.9 x 22.8	35 x 43.8
Wide Width Tensile@10%	ASTM D 4595	lb/ft			2340 x 2412	2400	4800 x ---
		kN/m			34.1 x 35.2	35	70.0 x ---
Trapezoid Tear Strength	ASTM D 4533	lbs	115 x 75	100 x 60	125	180 x 140	
		kN	0.51 x 0.33	0.445 x 0.267	0.56	0.8 x 0.622	
CBR Puncture Resistance	ASTM D 6241	lbs	675	950	1300	1400	
		kN	3.0	4.28	5.7	6.22	
Water Flow*	ASTM D 4491	gpm/ft ²	145	18	40	40	30
		l/min/m ²	5907	733	1630	1630	1222
Permittivity*	ASTM D 4491	sec ⁻¹	2.1	0.28	0.6	0.52	0.4
AOS*	ASTM D 4751	US Sieve	40	70	30	30	30
		mm	0.425	0.212	0.6	0.6	0.6
UV Resistance at 500 hrs	ASTM D 4355	%	90/500	90/500	80/500	80/500	80/500

* At the time of manufacturing. Handling may change these properties.

PACKAGING DETAILS

Roll Dimension	(ft)	12 x 300	12 x 300	15 x 300	15 x 300	15 x 300
	(m)	3.66 x 91	3.66 x 91	4.57 x 91	4.57 x 91	4.57 x 91
Area Per Roll	(yd ²)	400	400	500	500	500
	(m ²)	346	346	416	416	416

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