

CLICK ANYWHERE on THIS PAGE to RETURN to GEOTEXTILES at InspectApedia.com

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 <sup>2</sup>	145	18	40	40	30
		l/min/m <sup>2</sup>	5907	733	1630	1630	1222
Permittivity*	ASTM D 4491	sec <sup>-1</sup>	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 <sup>2</sup> )	400	400	500	500	500
	(m <sup>2</sup> )	346	346	416	416	416

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.