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# SKAPS WOVEN GEOTEXTILES

PROPERTY	UNIT	TEST METHOD	SILT FENCE	STABILIZATION / SEPARATION					EROSION CONTROL			
			W100	W200	W250	W270	W315	M404	M706	MT4050	M440	
Weight (Typical)	oz/sy (g/sm)	ASTM D5261	3.2 (102)	4.0 (136)	5.0 (170)	5.6 (190)	6.3 (214)	5.6 (190)	5.6 (190)	8.0 (272)	15 (510)	
Grab Tensile	lbs (kN)	ASTM D4632	124 (.550)	200 (.9)	250 (1.11)	270 (1.2)	315 (1.40)	370x200 (1.65x.889)	370x250 (1.65x1.11)	315 (1.4)	475x440 (2.1x1.96)	
Grab Elongation	%	ASTM D4632	15	15	15	15	15	15	16x15	10	15	
Trapezoid Tear	lbs (kN)	ASTM D4533	45 (.2)	75 (.33)	90 (.405)	100 (.444)	120 (.533)	115x75 (.511x.333)	100x60 (.444x.267)	120 (.530)	180 (0.8)	
CBR Puncture Resistance	lbs (kN)	ASTM D6241	325 (1.45)	700 (.312)	900 (4.005)	1000 (4.45)	1000 (4.45)	675 (3.0)	950 (.428)	120 (.530)	1400 (6.19)	
Permittivity <sup>1</sup>	I/sec	ASTM D4491	0.10	0.05	0.05	0.05	0.05	2.1	0.28	0.7	0.4	
Water Flow <sup>1</sup>	gpm/sf (1/min/sm)	ASTM D4491	10 (408)	5 (203)	4 (163)	4 (163)	4 (163)	145 (5907)	18 (733)	50 (2035)	30 (1222)	
A.O.S. <sup>1</sup>	U.S. Sieve (mm)	ASTM D4751	30 (.600)	40 (.425)	40 (.425)	40 (.425)	40 (.425)	40 (.425)	70 (.212)	40 (.425)	30 (0.6)	
U.V. Resistance	%/hrs	ASTM D4355	70/500	70/500	70/500	70/500	70/500	70/500	90/500	80/500	80/500	

<sup>1</sup> At time of manufacturing. Handling, storage and shipping may change these properties.

AASHTO										
M288 Survivability Class	---	3	2	2	1	3	2	1		
M288 Application <sup>2</sup>	S/F	---	SP	SP	ST,SP	---	E,SP,D	E,ST,SP,D		

<sup>2</sup> S/F = Silt Fence SP = Separation ST = Stabilization E = Erosion Control D = Drainage A/O = Asphalt Overlay

PACKAGING							
Roll Dimensions (ft)	2/3 x 100/300/750	12.5 x 432 17.5 x 309	12.5 x 360 17.5 x 258	12.5 x 300	12 x 300	15 x 300	15 x 300
Square Yards/Roll	22/66/165/ 33/100/248	600	500	417	400	500	500
Estimated Roll Weight (lbs)	8/20/ 10/30	190	210	150	150	145	475

