



SKAPS Industries
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SKAPS WOVEN GEOTEXTILES

PROPERTY	UNIT	TEST METHOD	SILT FENCE	STABILIZATION / SEPARATION					EROSION CONTROL		
			W100	W180	W200	W250	W300	W315	M404	M706	MT4050
Weight (Typical)	oz/yd ² (g/m ²)	ASTM D5261	3.2 (108)	3.8 (129)	4.0 (136)	5.0 (170)	6.0 (203)	6.3 (214)	5.6 (190)	5.6 (190)	8.0 (272)
Grab Tensile	lbs (kN)	ASTM D4632	124x124 (.550x.550)	180 (.800)	200 (.889)	250 (1.11)	315 (1.40)	315 (1.40)	365x200 (1.62x.889)	370x250 (1.65x1.11)	315 (1.4)
Grab Elongation	%	ASTM D4632	15	15	15	15	15	15	24x10	16x15	10
Trapezoid Tear	lbs (kN)	ASTM D4533	65 (.290)	70 (.310)	75 (.333)	90 (.400)	100 (.444)	120 (.533)	115x75 (.511x.333)	100x60 (.444x.267)	120 (.530)
Puncture Resistance	lbs (kN)	ASTM D4833	60 (.266)	70 (.310)	90 (.400)	100 (.444)	120 (.533)	120 (.533)	100 (.444)	120 (.53)	120 (.530)
Permittivity ¹	sec ⁻¹	ASTM D4491	0.10	0.05	0.05	0.05	0.05	0.05	1.36	0.28	0.7
Water Flow ¹	gpm/ft ² (1/min/m ²)	ASTM D4491	10 (405)	4 (163)	5 (203)	4 (163)	4 (163)	4 (163)	100 (4074)	18 (733)	50 (2035)
A.O.S. ¹	U.S. Sieve (mm)	ASTM D4751	30 (.600)	20 (.841)	50 (.300)	40 (.425)	40 (.425)	40 (.425)	40 (.425)	70 (.212)	40 (.425)
U.V. Resistance	%/hrs	ASTM D4355	70/500	70/500	70/500	70/500	70/500	70/500	90/500	90/500	80/500

¹ At time of manufacturing. Handling, storage and shipping may change these properties.

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

² 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
Square Yards/Roll	22/66/165/ 33/100/248	600	500	417	400	500
Estimated Roll Weight (lbs)	8/20/ 10/30	180	210	150	150	145

