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# SKAPS ENVIRONMENTAL GEOTEXTILES

PROPERTY	UNIT	TEST METHOD	GE140	GE160	GE170	GE180	GE110	GE112	GE114	GE116
Weight	oz/sy (g/sm)	ASTM D5261	4.0 (135)	6.0 (203)	7.0 (237)	8.0 (271)	10.0 (339)	12.0 (407)	14.0 (475)	16.0 (542)
Thickness <sup>1</sup>	mils (mm)	ASTM D5199	70 (1.77)	85 (2.16)	90 (2.29)	100 (2.5)	110 (2.79)	120 (3.05)	135 (3.43)	175 (4.45)
Grab Tensile	lbs (kN)	ASTM D4632	105 (.467)	160 (.711)	200 (.889)	225 (1.0)	270 (1.20)	330 (1.47)	390 (1.73)	425 (1.89)
Grab Elongation	%	ASTM D4632	50	50	50	50	50	50	50	50
Trapezoid Tear	lbs (kN)	ASTM D4533	45 (.20)	65 (.29)	75 (.33)	90 (.40)	100 (.44)	125 (.556)	135 (.60)	150 (.667)
CBR Puncture Resistance	lbs (kN)	ASTM D6241	305 (1.36)	450 (2.0)	540 (2.40)	600 (2.67)	725 (3.22)	900 (4.0)	1045 (4.65)	1200 (5.34)
Permittivity <sup>1</sup>	l/sec	ASTM D4491	2.00	1.63	1.41	1.26	.94	.90	.64	.57
Permeability <sup>1</sup>	cm/sec	ASTM D4491	.30	.30	.306	.30	.30	.30	.25	.25
Water Flow <sup>1</sup>	gpm/sf (l/min/sm)	ASTM D4491	160 (6518)	125 (5080)	110 (4470)	100 (4074)	75 (3055)	70 (2544)	50 (2037)	45 (1833)
A.O.S. <sup>1</sup>	U.S. Sieve (mm)	ASTM D4751	70 (.212)	70 (.212)	70 (.212)	80 (.180)	100 (.150)	100 (.150)	100 (.150)	100 (.150)
U.V. Resistance	%/hrs	ASTM D4355	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500

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

PACKAGING										
Roll Dimensions (ft)	15 x 1350	15 x 900	15 x 780	15 x 690	15 x 570	15 x 480	15 x 390	15 x 360		
Square Yards/Roll	2250	1500	1300	1150	950	800	650	600		
Estimated Roll Weight (lbs)	620	620	620	620	620	620	620	620		

