

Woven & Woven Monofilaments

Properties	Unit	Test ASTM	SKAPS SW200 MKB GW200	SKAPS W250 MKB GW250	SKAPS SW315 MKB GW300		SKAPS M404 MKB GM404	SKAPS M706 MKB GM706	SKAPS M440 MKB GW440
Grab Tensile	lbs	D4632	200	250	315		365 x 200	370 x 250	475 x 440
Grab Elongation	%	D4632	15	15	15		24 x 15	15	15
Trapezoid Tear	lbs	D4533	75	90	120		115 x 75	100 x 60	180 x 180
CBR Puncture	lbs	D6241	700	900	100		675	950	2000
Permittivity	sec-1	D4491	0.05	0.05	0.05		2.10	0.28	0.40
Water Flow	gpm/ft ²	D4491	4	4	4		145	18	30
AOS	US Sieve	D4751	40	40	40		40	70	30
UV Resistance	%/hrs	D4355	70/500	70/500	70/500		70/500	70/500	70/500
AASHTO Class			3	2	1				
Roll Dimensions			12.5 x 432				12.5 x 300	12 x 300	15 x 300
			15 x 360					6 x 300	
			17.5 x 309						
			600 sy				417 sy	400 sy	500 sy

Non Woven Geotextiles

Properties	Unit	Test ASTM	SKAPS GT131 MKB GN310	SKAPS GT135 MKB GN350	SKAPS GT140 MKB GN400	SKAPS GT142 MKB GN450	SKAPS GT160 MKB GN600	SKAPS GT180 MKB GN800	SKAPS GT110 MKB GN1000	SKAPS GT112 MKB GN1200	SKAPS GT116 MKB GN1600
Grab Tensile	lbs	D4632	80	90	100	120	160	205	250	300	380
Grab Elongation	%	D4632	50	50	50	50	50	50	50	50	50
Trapezoid Tear	lbs	D4533	30	40	45	50	60	85	100	115	145
CBR Puncture	lbs	D6241	175	265	300	340	410	535	700	850	1080
Permittivity	sec-1	D4491	2.20	2.00	2.00	1.70	1.50	1.40	1.20	1.00	0.70
Water Flow	gpm/ft2	D4491	150	150	140	135	110	95	80	75	50
AOS	US Sieve	D4751	50	50	70	70	70	70	70	70	70
UV Resistance	%/hrs	D4355	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500	70/500
AASHTO Class						3	2	1	1	1	1
Roll Dimensions			12.5 / 15 x 360			500/600 sy		12.5 x 360 / 15 x 300			500 sy