



GT-170

nonwoven geotextile

SKAPS GT-170 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-170 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. SKAPS GT-170 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)	TYPICAL VALUE**
Nominal Weight	ASTM D 5261	oz/yd ² (g/m ²)		7.0 (237)
Grab Tensile	ASTM D 4632	lbs (kN)	180 (.801)	200 (.890)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	75 (.334)	85 (.400)
CBR Puncture Strength	ASTM D 6241	Lbs (N)	475 (2111)	405 (2620)
Puncture Resistance	ASTM D 4833	lbs (kN)	105 (.467)	110 (.489)
Mullen Burst Strength	ASTM D 3786	psi(kPa)	330 (2275)	405 (2795)
Permittivity*	ASTM D 4491	l/sec	1.4	1.7
Permeability*	ASTM D 4491	cm/sec	0.30	0.40
Water Flow*	ASTM D 4491	gpm/sf (l/min/sm)	100 (4074)	120 (4889)
AOS*	ASTM D 4751	US Sieve (mm)	70 (.212)	70 -100 (.212 -.150)
UV Resistance	ASTM D 4355	%/hrs	70/500	80/500

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

** Typical values are for comparison purpose only.

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.

PACKAGING	
Roll Dimensions (W x L) – Meters	3.81 x 109.727 / 4.572 x 91.441
Square Meters Per Roll	418.06
Estimated Roll Weight – kg	99.73

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