



# GT-150

nonwoven geotextile

**Style GT-150** is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GT-150 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. Style GT-150 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 <sup>2</sup> (g/m <sup>2</sup> )		5.0 (170)
Grab Tensile	ASTM D 4632	lbs (N)	135 (601)	164 (734)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (N)	56 (250)	72 (320)
Puncture Resistance	ASTM D 4833	lbs (N)	88 (390)	95 (422)
CBR Puncture Resistance	ASTM D 6241	lbs (N)	360 (1601)	472 (2100)
Mullen Burst Strength	ASTM D 3786	Psi (kPa)	265 (1828)	290 (2000)
Permittivity*	ASTM D 4491	l/sec	1.6	2.0
Permeability*	ASTM D 4491	cm/sec	0.3	0.4
Water Flow*	ASTM D 4491	gpm/sf (l/sec/sm)	110 (75)	140 (90)
AOS*	ASTM D 4751	US Sieve (mm)	70 (.212)	70-100 (0.212-0.150)
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) – Mts	3.81 x 109.727 / 4.572 x 91.44
Square Meters Per Roll	418.06
Estimated Roll Weight – Kg	87

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