



# GT-160

nonwoven geotextile

**Style GT-160** is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. **GT-160** resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. **GT-160** 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/sy (g/sm)		6.0 (203)
Grab Tensile	ASTM D 4632	lbs (kN)	160 (0.712)	175 (0.780)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	60 (0.267)	80 (0.356)
Puncture Resistance	ASTM D 4833	lbs (kN)	90 (0.400)	100 (0.445)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	410 (1.822)	490 (2.250)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	305 (2103)	340 (2347)
Permittivity*	ASTM D 4491	l/sec	1.5	1.8
Permeability*	ASTM D 4491	cm/sec	0.3	0.4
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	110 (4480)	135 (5500)
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 property values are for comparison purpose only.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. Skaps Industries 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	88.4

Date Issued: 07/04/2011

Made in U.S.A.