



**INDUSTRIAL FABRICS, INC.**  
*Since 1981*

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## Geotextile Product Description Sheet

### GT -140 Nonwoven Geotextile

GT-140 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GT-140 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GT-140 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D 5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	4.0 (136)
Grab Tensile	ASTM D 4632	lbs (kN)	100 (0.445)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	50 (0.222)
CBR Puncture Resistance	ASTM D 6241	Lbs (kN)	300 (1.32)
Permittivity*	ASTM D 4491	sec <sup>-1</sup>	2.0
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	140 (5689)
AOS*	ASTM D 4751	US Sieve (mm)	70 (0.212)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	12.5/15 x 360
Square Yards Per Roll	500/600
Estimated Roll Weight - lbs	146/172

\* At the time of manufacturing. Handling may change these properties.

**Made in U.S.A.**

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