

# GPS Non-Woven Geotextile 8.0

## Product Data Sheet

GPS Non-woven Geotextile 18.0 oz is made using needle punched nonwoven 100% polypropylene fibers. These fibers create dimensional stability, because they are woven into a completely random structure. The polypropylene fibers are resistant to the UV damage of the sun, will not rot, decay, degrade, nor are they affected by naturally occurring basics or acids. Polypropylene functions beautifully in a wide pH range: 2-13.

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> )	8.0 (271)
Grab Tensile	ASTM D 4632	lbs (kN)	205 (0.911)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	85 (0.378)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	535 (2.38)
Permittivity*	ASTM D 4491	s e c <sup>1</sup>	1.35
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	90 (3657)
AOS*	ASTM D 4751	US Sieve (mm)	80 (0.180)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	12.5 x 360/ 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight – lbs	250

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

This information is provided for reference purposes only and is not intended as warranty or guarantee. GPS assumes no liability in connection with the use of this information.

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



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