

## GPS Nonwoven Geotextile 4.5

**GPS Non-woven Geotextile 4.5** 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> )	4.2 (142)
Grab Tensile	ASTM D 4632	lbs (kN)	120 (0.533)
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)	340 (1.51)
Permittivity*	ASTM D 4491	sec <sup>-1</sup>	1.7
Water Flow*	ASTM D 4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	120 (4885)
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	152/180

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

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