



3.5 oz Nonwoven Geotextile

GPS Nonwoven Geotextile 3.5 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GPS NW3.5 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. GPS NW 3.5 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards. GPS NW 3.5 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 ² (g/m ²)	3.5 (119)
Grab Tensile	ASTM D 4632	lbs (kN)	90 (0.401)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	40 (0.178)
Puncture Resistance	ASTM D 4833	lbs (kN)	55 (0.245)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	265 (1.18)
Mullen Burst	ASTM D 3786	psi (kPa)	185 (1275)
Permittivity*	ASTM D 4491	sec ⁻¹	2.0
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	150 (6095)
AOS*	ASTM D 4751	US Sieve (mm)	50(0.3)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING

Roll Dimensions (W x L)	12.5 x 360 ft. 15 x 360 ft.	3.81 m x 109.8 m 4.6 m x 109.8 m
Area Per Roll	500 sq. yards 600 sq. yards	418.3 sq. meters 505.1 sq. meters

NOTE

- The property values listed above are subject to change without notice.
- Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
- Maximum Average Roll Value (MaxARV)
- At time of manufacturing. Handling may change these properties.

Made in U.S.A

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