

4.2 oz Non-woven Geotextile

This geotextile is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. Our geotextile resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13.

4.2 oz geotextile conforms to the physical values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D5261	oz/yd ² (g/m ²)	4.5 (153)
Grab Tensile	ASTM D4632	lbs (kN)	120 (.533)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	50 (.222)
Puncture Resistance	ASTM D4833	lbs (kN)	70 (.311)
Mullen Burst	ASTM D3786	psi (kPa)	240 (1654)
Permittivity*	ASTM D4491	sec ⁻¹	1.8
Water Flow*	ASTM D4491	gpm/ft ² (l/min/m ²)	120 (4885)
A.O.S.*	ASTM D4751	U.S. Sieve (mm)	70 (.212)
U.V. Resistance	ASTM D4355	%/hrs	70/500

*Note: Properties at the time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING	
Roll Dimension (W x L) - Ft	12.5 x 360 / 15 x 300
Square Yards per Roll	500 / 600
Estimated Roll Weight - lbs	152 / 192

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