

12 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.

12oz 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/yd2 (g/m2)	12.0 (407)
Grab Tensile	ASTM D4632	lbs (kN)	300 (1.33)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	115 (0.511)
Puncture Resistance	ASTM D4833	lbs (kN)	180 (0.80)
Mullen Burst	ASTM D3786	psi (kPa)	600 (4134)
Permittivity*	ASTM D4491	sec ⁻¹	1.0
Water Flow*	ASTM D4491	gpm/ft2 (l/min/m2)	75 (3055)
A.O.S.*	ASTM D4751	U.S. Sieve (mm)	100 (0.150)
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
Estimated Roll Weight - lbs	375

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