

	Test Method	Units	Thickness		
Weight	ASTM D5261	oz / yd ²	10	12	16
Grab Tensile Strength	ASTM D4632	lbs	1270	330	425
Grab Elongation	ASTM D4632	%	50	50	50
Trapeziod Tear Strength	ASTM D4533	lbs	100	125	150
Thickness	ASTM D5199	mils	110	120	175
CBR Puncture Resistance	ASTM D6241	lbs	725	900	1200
Permittivity	ASTM D4493	sec ⁻¹	94	0.9	0.57
Permeability	ASTM D4493	cm / sec	0.3	0.3	0.25
Water Flow	ASTM D4491	gpm / ft ²	75	70	45
Apparent Opening Size	ASTM D4751	US Sieve	100	100	100
UV Resistance	ASTM D4355	% / hrs	70	70	70

Geotextile is a non-woven fabric made from needle-punched polypropylene fibers. Designed for stability, it resists UV rays, rotting, and certain chemicals. As a cushioning material, geotextile is versatile and suitable for various applications

Geotextile can be heat welded by a trained technician or sold by the roll. At WPL Fab, once fabricated, we accordion fold the material, then roll it onto a core, package it with a protective layer, and apply directions on the outside of the roll for ease of deployment.

Applications

Rocky base, Agricultural Applications, Municipal Applications

ATLAS

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