

TerraTex® GE116

TerraTex® nonwoven geotextiles are made up of polypropylene fibers. These fibers are needed to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. Unless noted otherwise, all values are minimum average roll values (MARV).

Property	Test Method	English	Metric
Weight (Typical) ¹	ASTM D5261	16.0 oz/sy	543 g/m ²
Grab Tensile	ASTM D4632	350 lbs	1.555 kN
Grab Elongation	ASTM D4632	20 %	20 %
Trapezoid Tear	ASTM D4533	150 lbs	0.665 kN
Pin Puncture Resistance	ASTM D4833	185 lbs	0.820 kN
Mullen Burst	ASTM D3786	620 psi	4,270 kPa
Permittivity ¹	ASTM D4491	0.20 sec ⁻¹	0.20 sec ⁻¹
Permeability ¹	ASTM D4491	0.10 cm/sec	0.10 cm/sec
Water Flow Rate ¹	ASTM D4491	50 gpm/sf	50 Lpm/m ²
AOS ^{1,2}	ASTM D4751	70 US Std. Sieve	0.212 mm
Planar Transmissivity ³	ASTM D4761	0.006 sf/min	0.000093 m ² /sec
Abrasion Resistance Strength Retained	ASTM D4886	80 %	80 %
UV Resistance	ASTM D4355	70 % @ 500 hrs	70 % @ 500 hrs

1. At the time of manufacturing. Handling, storage, and shipping may change these properties.
2. Value represents maximum average roll value.
3. Transmissivity is measured at Gradient 1.0 and 3.5 psi load with 15-minute seating time between steel plates.

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