



TerraTex® GE116

TerraTex® nonwoven geotextiles are made up of polypropylene fibers. These fibers are needled 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 ¹²	ASTM D4751	70 US Std. Sieve	0.212 mm
Planar Transmissivity ³	ASTM D4761	0.006 sf/min	0.0000093 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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