

TerraTex® N04.5

TerraTex® N04.5 is a nonwoven geotextile 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. TerraTex® N04.5 is manufactured to meet or exceed the following minimum average roll values:

Unless noted otherwise, all values are minimum average roll values (MARV).

PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight (Typical) ¹	ASTM D5261	4.2 oz/yd ²	142 g/m ²
Grab Tensile	ASTM D4632	120 lbs	0.533 kN
Grab Elongation	ASTM D4632	50 %	50 %
Trapezoid Tear	ASTM D4533	50 lbs	0.222 kN
CBR Puncture	ASTM D6241	340 lbs	1.51 kN
Permittivity ¹	ASTM D4491	1.70 sec ⁻¹	1.70 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	135 gpm/ft ²	5,500 Lpm/m ²
AOS ^{1, 2}	ASTM D4751	70 US Std. Sieve	0.212 mm
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.

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