

TerraTex® GS-270

TerraTex® GS-270 is a woven monofilament geotextile made up of polypropylene filaments. These filaments are woven to form a stable and durable network such that the filaments 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® GS-270 is manufactured to meet or exceed the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	270 lbs	1.20 kN
Grab Elongation	ASTM D4632	15 %	15 %
Trapezoid Tear	ASTM D4533	100 lbs	0.440 kN
CBR Puncture	ASTM D6241	1,000 lbs	4.448 kN
Permittivity ¹	ASTM D4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	4 gpm/ft ²	163 Lpm/m ²
AOS ^{1,2}	ASTM D4751	40 US Std. Sieve	0.425 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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