

## 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	<b>270 lbs</b>	<b>1.20 kN</b>
Grab Elongation	ASTM D4632	<b>15 %</b>	<b>15 %</b>
Trapezoid Tear	ASTM D4533	<b>100 lbs</b>	<b>0.440 kN</b>
CBR Puncture	ASTM D6241	<b>1,000 lbs</b>	<b>4.448 kN</b>
Permittivity <sup>1</sup>	ASTM D4491	<b>0.05 sec<sup>-1</sup></b>	<b>0.05 sec<sup>-1</sup></b>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>4 gpm/ft<sup>2</sup></b>	<b>163 Lpm/m<sup>2</sup></b>
AOS <sup>1,2</sup>	ASTM D4751	<b>40 US Std. Sieve</b>	<b>0.425 mm</b>
UV Resistance	ASTM D4355	<b>70 % @ 500 hrs</b>	<b>70 % @ 500 hrs</b>

<sup>1</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>2</sup> Value represents maximum average roll value.

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