

# TerraTex® GS

TerraTex® GS is a woven geotextile made up of polypropylene yarns. These yarns are woven to form a stable and durable network such that the yarns retain their relative position. TerraTex® GS meets AASHTO M288 Class 3 for separation and stabilization. It is non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. TerraTex® GS is manufactured to meet or exceed the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight (Typical) <sup>1</sup>	ASTM D5261	<b>4.0 oz/yd<sup>2</sup></b>	<b>136 g/m<sup>2</sup></b>
Grab Tensile	ASTM D4632	<b>200 lbs</b>	<b>0.90 kN</b>
Grab Elongation	ASTM D4632	<b>15 %</b>	<b>15 %</b>
Trapezoid Tear	ASTM D4533	<b>75 lbs</b>	<b>0.333 kN</b>
CBR Puncture	ASTM D6241	<b>700 lbs</b>	<b>3.120 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>5 gpm/ft<sup>2</sup></b>	<b>203 Lpm/m<sup>2</sup></b>
AOS <sup>1, 2</sup>	ASTM D4751	<b>40 US Std. Sieve</b>	<b>0.430 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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