

# TerraTex® HPG-700

TerraTex® HPG-700 is composed of high tenacity polyester multifilament yarns which are woven into a stable network such that the yarns retain their relative position. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. TerraTex® HPG-700 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	<b>700 x 700 lbs</b>	<b>3.114 x 3.114 kN</b>
Grab Elongation	ASTM D4632	<b>20 x 15 %</b>	<b>20 x 15 %</b>
Wide Width Tensile (Ultimate)	ASTM D4595	<b>6,056 x 5,515 lbs/ft</b>	<b>88 x 80 kN/m</b>
Wide Width Elongation	ASTM D4595	<b>13.2 x 9.6 %</b>	<b>13.2 x 9.6 %</b>
Trapezoid Tear	ASTM D4533	<b>250 x 250 lbs</b>	<b>1.11 x 1.11 kN</b>
CBR Puncture	ASTM D6241	<b>1,700 lbs</b>	<b>7.562 kN</b>
Permittivity <sup>1</sup>	ASTM D4491	<b>0.109 sec<sup>-1</sup></b>	<b>0.109 sec<sup>-1</sup></b>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>8 gpm/ft<sup>2</sup></b>	<b>326 Lpm/m<sup>2</sup></b>
AOS <sup>1, 2</sup>	ASTM D4751	<b>80 US Std. Sieve</b>	<b>0.180 mm</b>
UV Resistance	ASTM D4355	<b>80 % @ 500 hrs</b>	<b>80 % @ 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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