

## TerraTex® HPG-4x4HF

TerraTex® HPG-4x4HF is a polypropylene woven fabric. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. TerraTex® HPG-4x4HF is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	<b>475 x 440 lbs</b>	<b>2.114 x 1.958 kN</b>
Grab Elongation	ASTM D4632	<b>15 x 15 %</b>	<b>15 x 15 %</b>
Wide Width Tensile (Ultimate)	ASTM D4595	<b>4,800 x 4,800 lbs/ft</b>	<b>70.1 x 70.1 kN/m</b>
Wide Width Elongation	ASTM D4595	<b>9 x 9 %</b>	<b>9 x 9 %</b>
Wide Width Tensile (2% Strain)	ASTM D4595	<b>600 x 840 lbs/ft</b>	<b>8.8 x 12.3 kN/m</b>
Wide Width Tensile (5% Strain)	ASTM D4595	<b>2,400 x 2,700 lbs/ft</b>	<b>35.0 x 39.4 kN/m</b>
Trapezoid Tear	ASTM D4533	<b>200 x 200 lbs</b>	<b>0.890 x 0.890 kN</b>
CBR Puncture	ASTM D6241	<b>2,200 lbs</b>	<b>9.79 kN</b>
Permittivity <sup>1</sup>	ASTM D4491	<b>0.40 sec<sup>-1</sup></b>	<b>0.40 sec<sup>-1</sup></b>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>30 gpm/ft<sup>2</sup></b>	<b>1,222 Lpm/m<sup>2</sup></b>
AOS <sup>1, 2</sup>	ASTM D4751	<b>30 US Std. Sieve</b>	<b>0.600 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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