

## TerraTex® HPG-500

TerraTex® HPG-500 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-500 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	<b>600 x 600 lbs</b>	<b>2.67 x 2.67 kN</b>
Grab Elongation	ASTM D4632	<b>20 x 15 %</b>	<b>20 x 15 %</b>
Wide Width Tensile (Ultimate)	ASTM D4595	<b>4,800 x 4,800 lbs/ft</b>	<b>70.0 x 70.0 kN/m</b>
Wide Width Elongation	ASTM D4595	<b>10.2 x 7.2 %</b>	<b>10.2 x 7.2 %</b>
Trapezoid Tear	ASTM D4533	<b>200 x 200 lbs</b>	<b>0.890 x 0.890 kN</b>
CBR Puncture	ASTM D6241	<b>1,400 lbs</b>	<b>6.228 kN</b>
Permittivity <sup>1</sup>	ASTM D4491	<b>0.136 sec<sup>-1</sup></b>	<b>0.136 sec<sup>-1</sup></b>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>10 gpm/ft<sup>2</sup></b>	<b>407 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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