

## TerraTex® HPG-77

TerraTex® HPG-77 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-77 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Wide Width Tensile (Ultimate)	ASTM D4595	<b>7,200 x 5,760</b> lbs/ft	<b>105.1 x 84.0</b> kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	<b>1,140 x 1,560</b> lbs/ft	<b>16.6 x 22.8</b> kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	<b>3,600 x 3,600</b> lbs/ft	<b>52.5 x 52.5</b> kN/m
Permittivity <sup>1</sup>	ASTM D4491	<b>0.230</b> sec <sup>-1</sup>	<b>0.230</b> sec <sup>-1</sup>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>15</b> gpm/ft <sup>2</sup>	<b>611</b> Lpm/m <sup>2</sup>
AOS <sup>1, 2</sup>	ASTM D4751	<b>30</b> US Std. Sieve	<b>0.600</b> mm
UV Resistance	ASTM D4355	<b>80 % @ 500</b> hrs	<b>80 % @ 500</b> hrs

<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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