

# TerraTex® HPG-37

TerraTex® HPG-37 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-37 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	<b>400 x 300</b> lbs	<b>1.78 x 1.34</b> kN
Grab Elongation	ASTM D4632	<b>10 x 6</b> %	<b>10 x 6</b> %
Wide Width Tensile (Ultimate)	ASTM D4595	<b>3,600 x 3,240</b> lbs/ft	<b>52.5 x 47.3</b> kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	<b>540 x 540</b> lbs/ft	<b>7.9 x 7.9</b> kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	<b>1,500 x 1,560</b> lbs/ft	<b>21.9 x 22.8</b> kN/m
Trapezoid Tear	ASTM D4533	<b>135 x 125</b> lbs	<b>0.60 x 0.56</b> kN
CBR Puncture	ASTM D6241	<b>1,450</b> lbs	<b>6.45</b> kN
Permittivity <sup>1</sup>	ASTM D4491	<b>0.9</b> sec <sup>-1</sup>	<b>0.9</b> sec <sup>-1</sup>
Water Flow Rate <sup>1</sup>	ASTM D4491	<b>60</b> gpm/ft <sup>2</sup>	<b>2,444</b> Lpm/m <sup>2</sup>
AOS <sup>1, 2</sup>	ASTM D4751	<b>30</b> US Std. Sieve	<b>0.6</b> mm
UV Resistance	ASTM D4355	<b>80</b> % @ 500 hrs	<b>80</b> % @ 500 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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