**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:

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>ENGLISH</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grab Tensile</td>
<td>ASTM D4632</td>
<td>475 x 440 lbs</td>
<td>2.114 x 1.958 kN</td>
</tr>
<tr>
<td>Grab Elongation</td>
<td>ASTM D4632</td>
<td>15 x 15 %</td>
<td>15 x 15 %</td>
</tr>
<tr>
<td>Wide Width Tensile (Ultimate)</td>
<td>ASTM D4595</td>
<td>4,800 x 4,800 lbs/ft</td>
<td>70.1 x 70.1 kN/m</td>
</tr>
<tr>
<td>Wide Width Elongation</td>
<td>ASTM D4595</td>
<td>9 x 9 %</td>
<td>9 x 9 %</td>
</tr>
<tr>
<td>Wide Width Tensile (2% Strain)</td>
<td>ASTM D4595</td>
<td>600 x 840 lbs/ft</td>
<td>8.8 x 12.3 kN/m</td>
</tr>
<tr>
<td>Wide Width Tensile (5% Strain)</td>
<td>ASTM D4595</td>
<td>2,400 x 2,700 lbs/ft</td>
<td>35.0 x 39.4 kN/m</td>
</tr>
<tr>
<td>Trapezoid Tear</td>
<td>ASTM D4533</td>
<td>200 x 200 lbs</td>
<td>0.890 x 0.890 kN</td>
</tr>
<tr>
<td>CBR Puncture</td>
<td>ASTM D6241</td>
<td>2,200 lbs</td>
<td>9.79 kN</td>
</tr>
<tr>
<td>Permittivity ¹</td>
<td>ASTM D4491</td>
<td>0.40 sec⁻¹</td>
<td>0.40 sec⁻¹</td>
</tr>
<tr>
<td>Water Flow Rate ¹</td>
<td>ASTM D4491</td>
<td>30 gpm/ft²</td>
<td>1,222 Lpm/m²</td>
</tr>
<tr>
<td>AOS ¹ , ²</td>
<td>ASTM D4751</td>
<td>30 US Std. Sieve</td>
<td>0.600 mm</td>
</tr>
<tr>
<td>UV Resistance</td>
<td>ASTM D4355</td>
<td>80 % @ 500 hrs</td>
<td>80 % @ 500 hrs</td>
</tr>
</tbody>
</table>

1 At the time of manufacturing. Handling, storage, and shipping may change these properties.
2 Value represents maximum average roll value.

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