

# 4.5 oz/yd<sup>2</sup> Non-Woven Geotextile

(Aquascape item # 29227, 29169, 29170)

Property / Test Method	Units	
<b>MECHANICAL PROPERTIES</b>		
<b>Grab Tensile Strength</b> ASTM D-4632	<b>N (lbs)</b>	<b>534(120)</b>
<b>Grab Elongation</b> ASTM D-4632	<b>%</b>	<b>50</b>
<b>Trapezoid Tear</b> ASTM D-4533	<b>N (lbs)</b>	<b>223(50)</b>
<b>Puncture</b> ASTM D-4833	<b>N (lbs)</b>	<b>312(70)</b>
<b>Puncture (CBR)</b> ASTM D-6241	<b>N (lbs)</b>	<b>1513(340)</b>
<b>Mullen Burst</b> ASTM D-3786	<b>kPa (psi)</b>	<b>1586(230)</b>
<b>Permittivity</b> ASTM D-4491	<b>sec<sup>-1</sup></b>	<b>1.8</b>
<b>A.O.S.</b> ASTM D-4751	<b>mm (U.S. Sieve)</b>	<b>0.212(70)</b>
<b>UV Stability (500 hours)</b> ASTM D-4355	<b>%</b>	<b>70</b>
<b>Water Flow Rate</b> ASTM D-4491	<b>lpm/m<sup>2</sup> (gpm/ft<sup>2</sup>)</b>	<b>5501(135)</b>

<b>Packaging</b>		
<b>Weight</b> ASTM D-5261	<b>g/m<sup>2</sup> (oz/yd<sup>2</sup>)</b>	<b>153 (4.5)</b>
<b>Thickness</b> ASTM D-5199	<b>mm (mils)</b>	<b>1.524 (60)</b>
<b>Roll Sizes</b>	<b>m (ft)</b>	<b>3.81x109.7 (12.5x360)</b> <b>4.57x91.4 (15x300)</b>
<b>Roll Area</b>	<b>m<sup>2</sup> (yd<sup>2</sup>)</b>	<b>418 (500)</b> <b>418 (500)</b>

*\*This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself or herself as to the suitability and completeness of such information for his or her own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer any warranty against infringement.*