

# ***Landscape*** **Depot Inc.** **Erosion Control Supplies**

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## **Geotextile Product Description Sheet** **8.0 Nonwoven Geotextile**

8.0 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. 8.0 nonwoven resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids.

Polypropylene is stable within a pH range of 2 to 13. Conforms to the physical property values listed below:

<b>PROPERTY</b>	<b>TEST METHOD</b>	<b>UNIT</b>	<b>M.A.R.V. (Minimum Average Roll Value)</b>
<b>Weight (Typical)</b>	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	8.0 (271)
<b>Grab Tensile</b>	ASTM D4632	lbs (kN)	205 (0.911)
<b>Grab Elongation</b>	ASTM D4632	%	50
<b>Trapezoid Tear Strength</b>	ASTM D4533	lbs (kN)	85 (.378)
<b>CBR Puncture Resistance</b>	ASTM D6241	lbs (kN)	535 (2.38)
<b>Permittivity*</b>	ASTM D4491	sec <sup>-1</sup>	1.35
<b>Water Flow*</b>	ASTM D4491	gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> )	90 (3657)
<b>A.O.S*</b>	ASTM D4751	U.S. Sieve (mm)	80 (.180)
<b>UV Resistance</b>	ASTM D4355	%/hrs	70/500

\* At the time of manufacturing. Handling, storage, and shipping may change these properties.

### **PACKAGING**

Roll Dimensions (W x L) – ft 12.5 x 360 / 15 x 300 Square Yards Per Roll 500  
 Estimated Roll Weight - lbs 250

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