



## RM150 Nonwoven Geotextile

**Product** – Needlepunch 4oz Civil Geotextile

**Fiber Type** – High Tenacity Synthetic Staple Fiber

<b>Mechanical Properties</b>	<b>Test Method</b>	<b>Unit</b>	<b>Minimum Average Roll Value</b>
<b>Grab Tensile Strength</b>	ASTM D4632	N	445
<b>Grab Tensile Elongation</b>	ASTM D4632	%	>50
<b>Trapezoid Tear Strength</b>	ASTM D4533	N	210
<b>CBR Puncture Strength</b>	ASTM D6241	N	1368
<b>Hydraulic Properties</b>			
<b>Apparent Opening Size (AOS) *</b>	ASTM D 4751	mm	0.30
<b>Permittivity</b>	ASTM D4491	Sec-1	2.0
<b>Flow Rate</b>	ASTM D 4491	L/min/m <sup>2</sup>	6095
<b>Filtration Opening Size (FOS)</b>	CAN148.1 No.1	µm	70-180
<b>UV Resistance (at 500 hours)</b>	ASTM D4355	% strength retained	70

Disclaimer: All values are MARV except where specified (\*). Randall Manufacturing Inc. assumes no liability in connection with the installation and/or the improper use of the geotextile described in this document.

Randall Manufacturing Inc. All Rights Reserved.