



**707 W. Grange Street \* Philadelphia, PA 19120  
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## **NW 45 NON-WOVEN GEOTEXTILE**

This letter is to certify that the NW 45, a non-woven polypropylene fabric supplied by Mutual Industries, meets the fabric properties listed below:

<b>Grab Tensile Strength:</b>	<b>ASTM D-4632</b>	<b>120 LBS</b>
<b>Grab Elongation:</b>	<b>ASTM D-4632</b>	<b>50 %</b>
<b>Trapezoid Tear:</b>	<b>ASTM D-4533</b>	<b>50 LBS</b>
<b>Puncture:</b>	<b>ASTM D-4833</b>	<b>65 LBS</b>
<b>Mullen Burst:</b>	<b>ASTM D-3786</b>	<b>230 PSI</b>
<b>Permitivity:</b>	<b>ASTM D-4491</b>	<b>1.5 SEC-1</b>
<b>Permeability:</b>	<b>ASTM D-4491</b>	<b>.25 CM/SEC</b>
<b>A.O.S.</b>	<b>ASTM D-4751</b>	<b>70 US Sieve</b>
<b>Water Flow Rate</b>	<b>ASTM D-4491</b>	<b>120 GPM/FT 2</b>
<b>U.V. Resistance (500 hr)</b>	<b>ASTM D-4355</b>	<b>70 %</b>