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## Subject: LM450 Non woven Filter Fabric

This letter certifies that our LM450 Non-woven filter fabric, manufactured by L & M Supply Co., classified as LM450, meets the requirements for non-woven geotextile fabric. The average laboratory test values are as follows:

PROPERTY	TEST METHOD	UNIT	ROLL VALUE
Tensile Strength	ASTM D 4632	Lbs	120
Elongation	ASTM D 4632	%	50
Trapezoidal Tear	ASTM D 4533	Lbs	50
CBR Puncture Strength	ASTM D 6241	Lbs	330
AOS	ASTM D 4751	Sieve	70
Permittivity	ASTM D 4491	Sec <sup>-1</sup>	1.70
Water Flow Rate	ASTM D 4491	Gpm/ft	135
UV Resistance	ASTM D 4355	%/hours	70/500

Unless otherwise noted, this certification is based on testing conducted by our Quality Assurance & Quality Control testing laboratories at the time of manufacturing. L & M Supply Co., Inc. issued this letter of certification to indicate our commitment to providing our customers with a quality product which will meet or exceed the minimum average roll values in accordance with the applicable American Society for Testing and Materials (ASTM) test method.

Respectfully,

Quentin McMillan