

# L & M Supply Co., Inc

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## Technical Specifications for L & M 4X4HF

**L & M 4X4HF** is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position **L & M 4X4HF** resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D-4632	475 x 440 lbs	2113 x 1957 N
Elongation	ASTM D-4632	12 x 6%	12 x 6%
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Elongation	ASTM D-4595	9 x 9%	9 x 9%
Wide Width Tensile Strength at 5% Strain	ASTM D-4595	2400 x 2700 lbs/ft	35 x 39.4 kN/m
Puncture	ASTM D-4833	200 lbs	890 N
Mullen Burst	ASTM D-3786	1200 psi	8270 kPa
Trapezoidal Tear	ASTM D-4533	180 x 180 lbs	801 x 801 N
UV Resistance (at 500 hrs)	ASTM D-4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D-4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D-4491	.40 sec <sup>-1</sup>	.40 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	30 gpm/ft <sup>2</sup>	1222 l/min/m <sup>2</sup>
Roll Sizes		15' x 300'	4.57 m x 91.5 m

\*Maximum average roll value.

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,

Quincy McMillan