



PRODUCT DATA SHEET

LM 570HP

LM 570HP 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. LM 570HP resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV English	MARV Metric
Wide Width Tensile	ASTM D-4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Tensile (2% Strain)	ASTM D-4595	960 x 1320 lbs/ft	14 x 19.3 kN/m
Wide Width Tensile (5% Strain)	ASTM D-4595	2400 x 2700 lbs/ft	35 x 39.4 kN/m
Wide Width Tensile (10% Strain)	ASTM D-4595	4800 x ----- lbs/ft	70 x ----- kN/m
UV Resistance (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 ⁻¹	.40 sec ⁻¹
Permeability	ASTM D-4491	.05 cm/sec	.05 cm/sec
Water Flow Rate	ASTM D-4491	30 gpm/ft ²	1222 lpm/m ²

*Maximum Average Roll Valve

Notes:

- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
- Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241

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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