



PRODUCT DATA SHEET

770HP

770HP 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. 770HP 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	7200 x 5760 lbs/ft	105.1 x 84 kN/m
Wide Width Tensile (2% Strain)	ASTM D-4595	1140 x 1560 lbs/ft	16.6 x 22.8 kN/m
Wide Width Tensile (5% Strain)	ASTM D-4595	3600 x 3600 lbs/ft	52.5 x 52.5 kN/m
Wide Width Tensile (10% Strain)	ASTM D-4595	6600 x 5760 lbs/ft	96.3 x 84 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	.23 sec ⁻¹	.23 sec ⁻¹
Permeability	ASTM D-4491	.04 cm/sec	.04 cm/sec
Water Flow Rate	ASTM D-4491	15 gpm/ft ²	611 lpm/m ²

*Maximum Average Roll Value

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- 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,

Quentin McMillan

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