

Date: 3-1-21



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
Tensile Strength (Grab)	ASTM D4632	475 x 440 lbs	2114 x 1958 N
Elongation (Grab)	ASTM D4632	12% x 12%	12% x 12%
Trapezoidal Tear Strength	ASTM D4533	180 x 180 lbs	801 x 801 N
CBR Puncture	ASTM D6241	2,200 lbs	9,786.1N
Wide Width Tensile (Ultimate)	ASTM D4595	4,800 x 4,800 lbs/ft	70 x 70 kN/m
Wide Width Tensile @ 2% Strain	ASTM D4595	1,050 x 1,320 lbs/ft	14 x 19.3 kN/m
Wide Width Tensile @ 5% Strain	ASTM D4595	2,400 x 3,000 lbs/ft	35 x 43.8 kN/m
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	.50 sec ⁻¹	.50 sec ⁻¹
Water Flow Rate	ASTM D4491	30 gpm/ft ²	1,222 lpm/m ²
Thickness	ASTM D5199	40.8 mils	1.08 mm
Roll Dimensions	Measured	15 ft x 300 ft	4.6 m x 91.5 m
Roll Dimensions	Measured	500 yd ²	418 m ²

*Maximum Average Roll Valve

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Respectfully,

Rusty Payne
Business Development / Engineering