



LM 2404

LM 2404 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 2404 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	400 x 315 lbs	1780 x 1402 N
Elongation	ASTM D-4632	15%	15%
CBR Puncture	ASTM D-6241	1150 lbs	5118 N
Trapezoidal Tear	ASTM D-4533	150 x 165 lbs	668 x 734 N
Wide Width Tensile	ASTM D-4595	3000 x 2760 lbs	13.34 x 12.28 kN
UV Resistance (at 500 hrs)	ASTM D-4355	90%	90%
Apparent Opening Size (AOS)*	ASTM D-4751	40 US Std. Sieve	0.425 mm
Percent Open Area(POA)	COE-02215	1%	1%
Permittivity	ASTM D-4491	0.90 sec ⁻¹	0.90 sec ⁻¹
Permeability	ASTM D4491	.07 cm/sec	.07 cm/sec
Water Flow Rate	ASTM D-4491	70 gpm/ft ²	2852 l/min/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

PROPERTY	Typical English	Typical Metric
Roll Dimensions	15 x 300 ft	4.6 x 91.5 m
Roll Area	500 yd ²	418 m ²

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