



Midwest Construction Products GFM404 is a woven monofilament geotextile made of 100% polypropylene. Midwest Construction Products' GeoForce line of Geotextiles are designed for superior performance and cost effective filtration, separation, drainage, reinforcement and erosion control. GeoForce M404 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GFM404 conforms to the physical values listed below:

Property	Test Procedure	Metric		English	
		MARV		MARV	
Grab Tensile Strength (W/F)	ASTM D-4632	1780 / 1402	N	400 / 315	lbs
Wide Width Tensile (W/F)	ASTM D-4595	43.8 / 40.3	kN/m	250 / 230	lbs/in
Grab Elongation	ASTM D-4632	15 / 15	%	15 / 15	%
Trapezoid Tear	ASTM D-4533	668 / 704	N	150 / 165	lbs
CBR Puncture	ASTM D-6241	5118	N	1150	lbs
UV Stability (500 hrs).	ASTM D-4355	90	%	90	%
Permittivity	ASTM D-4491	0.900	sec ⁻¹	0.900	sec ⁻¹
Water Flow Rate	ASTM D-4491	2852	lpm/m ²	70	gpm/ft ²
A.O.S.	ASTM D-4751	0.425	mm	40	U.S. Sieve
Percent Open Area	CW02215	1	%	1	%

Property	Test Procedure	Metric		English	
		Typical		Typical	
Weight	ASTM D-5261	271	g/m ²	8.0	oz/yd ²
Thickness	ASTM D-5199	0.889	mm	35	mils

Packaging	Metric			English		
	Area	Width	Length	Area	Width	Length
Roll Sizes	418 m ²	4.57m	91.4m	500 yd ²	15'	300'

NOTES:

- Mullen Burst ASTM D3786 removed. Not recognized by ASTM D35 on Geosynthetics.
- Puncture ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. Midwest Construction Products assumes no liability in connection with the use of this information.

Call for more information: (800) 532-2381
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