



Midwest Construction Products GFM700 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 M700 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GFM700 conforms to the physical values listed below:

Property	Test Procedure	Metric		English	
		MARV		MARV	
Grab Tensile Strength (W/F)	ASTM D-4632	1647 / 1113	N	370 / 250	lbs
Wide Width Tensile (W/F)	ASTM D-4595	40 / 26	kN/m	225 / 145	lbs/in
Grab Elongation	ASTM D-4632	15 / 15	%	15 / 15	%
Trapezoid Tear	ASTM D-4533	445 / 267	N	100 / 60	lbs
CBR Puncture	ASTM D-6241	4228	N	950	lbs
UV Stability (500 hrs).	ASTM D-4355	90	%	90	%
Permittivity	ASTM D-4491	0.280	sec ⁻¹	0.280	sec ⁻¹
Water Flow Rate	ASTM D-4491	733	lpm/m ²	18	gpm/ft ²
A.O.S.	ASTM D-4751	0.212	mm	70	U.S. Sieve
Percent Open Area	CW02215	4 to 6	%	4 to 6	%

Property	Test Procedure	Metric		English	
		Typical		Typical	
Weight	ASTM D-5261	190	g/m ²	5.6	oz/yd ²
Thickness	ASTM D-5199	0.381	mm	15	mils

Packaging	Metric			English		
	Area	Width	Length	Area	Width	Length
Roll Sizes	334 m ²	3.66m	91.4m	400 yd ²	12'	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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