Carthage Mills **Product Data**

Geotextiles | Erosion Control | Geogrids | Geomembranes

FX®-570MF

Carthage Mills' FX-570MF (formerly FX-400MF) is a woven High-Performance geotextile produced from high-tenacity polypropylene yarns. FX-570MF is part of the Carthage **FX® High-Performance Series** of woven geotextiles, is inert to biological degradation, and resistant to naturally encountered chemicals, alkalis and acids.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
☐ **Mechanical/Performance/Design**			
Wide Width Tensile Ultimate	ASTM D 4595	70.1 kN/m	4800 x 4800 lbs/ft
Wide Width Tensile @ 2% Strain		14.0 x 19.3 kN/m	960 x 1320 lbs/ft
Wide Width Tensile @ 5% Strain		35.0 x 39.4 kN/m	2400 x 2700 lbs/ft
Wide Width Tensile @ 10% Strain		70.1 kN/m	4800 x 4800 lbs/ft
☐ **Endurance**			
UV Resistance	ASTM D 4355	80% @ 500 hrs	
☐ **Hydraulics/Filtration**			
Permittivity (1)	ASTM D 4491	0.40 sec^{-1}	
Water Flow Rate (1)		1222.4 lpm/m^2	30 gpm/ft^2
Apparent Opening Size (AOS) (1)	ASTM D 4751	0.600 mm	30 US Std. Sieve
☐ **Physical**			
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	4.57 m x 91.4 m 418 m^2 176 kg	15.0 ft x 300 ft 500 yd^2 389 lbs

NOTES: Mullen Burst Strength ASTM D 3786 is no longer recognized by ASTM D35 on Geosynthetics.

(1) At the time of manufacturing. Handling, storage and shipping may change these properties.

- Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV).
- The properties reported above are effective 01-01-19 and are subject to change without notice.

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