Carthage Mills **Product Data**

Geotextiles | Erosion Control | Geogrids | Geomembranes

FX®-375MF

Carthage Mills' FX-375MF is a woven High-Performance geotextile produced from high-tenacity polypropylene yarns. FX-375MF 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	52.5 x 48.2 kN/m	3600 x 3300 lbs/ft
Wide Width Tensile @ 5% Strain		21.9 x 22.8 kN/m	1500 x 1560 lbs/ft
☐ **Endurance**			
UV Resistance	ASTM D 4355	80% @ 500 hrs	
☐ **Hydraulics/Filtration**			
Permittivity (1)	ASTM D 4491	0.52 sec^{-1}	
Water Flow Rate (1)		1630 lpm/m^2	40 gpm/ft^2
Apparent Opening Size (AOS) (1)	ASTM D 4751	0.60 mm	30 US Std. Sieve
☐ **Physical**			
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	4.57 m x 91.5 m 418 m^2 145.15 kg	15 ft x 300 ft 500 yd^2 320 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 01-01-18 and are subject to change without notice.

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