



■ FX[®]-770MF

Carthage Mills' FX-770MF is a woven High-Performance/High-Strength geotextile produced from high-tenacity polypropylene yarns. FX-770MF 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
<input type="checkbox"/> Mechanical/Performance/Design	ASTM D 4595		
Wide Width Tensile Ultimate		105.1 x 84.0 kN/m	7200 x 5760 lbs/ft
Wide Width Tensile @ 2% Strain		16.6 x 22.8 kN/m	1140 x 1560 lbs/ft
Wide Width Tensile @ 5% Strain		52.5 x 52.5 kN/m	3600 x 3600 lbs/ft
Wide Width Tensile @ 10% Strain		96.3 x 84.0 kN/m	6600 x 5760 lbs/ft
<input type="checkbox"/> Endurance	ASTM D 4355	80% @ 500 hrs	
UV Resistance			
<input type="checkbox"/> Hydraulics/Filtration	ASTM D 4491	0.23 sec ⁻¹	
Permittivity ⁽¹⁾		0.04 cm/sec	
Permeability ⁽¹⁾		611.2 lpm/m ²	15 gpm/ft ²
Water Flow Rate ⁽¹⁾			
Apparent Opening Size (AOS) ⁽¹⁾	ASTM D 4751	0.60 mm	30 US Std. Sieve
<input type="checkbox"/> Physical			
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	4.57 m x 91.4 m 418 m ² 263 kg	15.0 ft x 300 ft 500 yd ² 580 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 01-01-17 and are subject to change without notice.

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