



■ FX[®]-370MF

Carthage Mills' FX-370MF is a woven High-Performance geotextile produced from high-tenacity polypropylene yarns. FX-370MF 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			
Wide Width Tensile Ultimate	ASTM D 4595	52.5 x 47.3 kN/m	3600 x 3240 lbs/ft
Wide Width Tensile @ 5% Strain		21.9 x 22.8 kN/m	1500 x 1560 lbs/ft
Grab Tensile Strength	ASTM D 4632	2.00 x 1.42 kN	450 x 320 lbs
Grab Tensile Elongation		12% x 10%	
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	80% @ 500 hrs	
<input type="checkbox"/> Hydraulics/Filtration			
Permittivity ⁽¹⁾	ASTM D 4491	0.90 sec ⁻¹	
Water Flow Rate ⁽¹⁾		1630 lpm/m ²	40 gpm/ft ²
Apparent Opening Size (AOS) ⁽¹⁾	ASTM D 4751	0.425 mm	40 US Std. Sieve
<input type="checkbox"/> Physical			
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	4.57 m x 91.5 m 418 m ² 132 kg	15 ft x 300 ft 500 yd ² 290 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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