



■ FX[®]-270MF

Carthage Mills' FX-270MF is a woven High-Performance geotextile produced from high-tenacity polypropylene yarns. FX-270MF 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 | | 38.5 x 35.9 kN/m | 2640 x 2460 lbs/ft |
| Wide Width Tensile @ 2% Strain | | 7.0 x 8.58 kN/m | 480 x 588 lbs/ft |
| Wide Width Tensile @ 5% Strain | | 17.68 x 19.78 kN/m | 1212 x 1356 lbs/ft |
| <input type="checkbox"/> Endurance | | | |
| UV Resistance | ASTM D 4355 | 80% @ 500 hrs | |
| <input type="checkbox"/> Hydraulics/Filtration | | | |
| Permittivity | ASTM D 4491 | 0.60 sec ⁻¹ | |
| Water Flow Rate | | 1630 lpm/m ² | 40 gpm/ft ² |
| Apparent Opening Size (AOS) | ASTM D 4751 | 0.600 mm | 30 US Std. Sieve |
| <input type="checkbox"/> Physical | | | |
| Standard Roll Sizes / Packaging / Weight | Measured (Typical) | 4.5 m x 91.4 m 418 m ² 97 kg | 15 ft x 300 ft 500 yd ² 213 lbs |

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

- (1) Based on Third Party Testing.
- Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV).
 - The properties reported above are effective 12-01-16 and are subject to change without notice.

Carthage Mills assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Carthage Mills disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.