



■ FX[®]-22 (1)

Carthage Mills FX-22 is a woven geotextile fabric made of high-tenacity polypropylene yarns woven into a stable network. FX-22 is part of the Carthage [FX[®] Slit-Film Series](#) of woven geotextiles, achieves higher tensile strengths at low elongation (high modulus), is inert to biological degradation, and resistant to naturally encountered chemicals, alkalis, and acids.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> Mechanical			
Grab Tensile Strength	ASTM D 4632	0.68 x 0.66 kN	153 x 149 lbs
Grab Tensile Elongation		20%	
Trapezoidal Tear	ASTM D 4533	0.27 kN	62 lbs
CBR Puncture	ASTM D 6241	2.44 kN	549 lbs
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	>90% @ 500 hrs	
<input type="checkbox"/> Hydraulics/Filtration			
Permittivity	ASTM D 4491	0.09 sec ⁻¹	
Water Flow Rate		285.22 lpm/m ²	7 gpm/ft ²
Apparent Opening Size (AOS)	ASTM D 4751	.300-.250 mm	50-60 US Std. Sieve
<input type="checkbox"/> Physical			
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	3.8 m x 153.62 m 585.28 m ²	12.5 ft x 504 ft 700 yd ² 117 lbs
		4.57 m x 128.01 m 585.28 m ²	15.0 ft x 420 ft 700 yd ² 117 lbs
		5.33 m x 109.73 m 585.28 m ²	17.5 ft x 360 ft 700 yd ² 117 lbs

NOTES: Mullen Burst Strength ASTM D 3786 is no longer recognized by ASTM D35 on Geosynthetics. Puncture Strength ASTM D 4833 is not recognized by AASHTO M 288 and has been replaced with CBR Puncture ASTM D 6241.

- Unless otherwise stated, all values stated here are Typical Roll Values.
 - The properties reported above are effective 01-01-24 and are subject to change without notice.
- 1 This is a 'Special Order' Item

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