



## Product Data Sheet

### ■ FX™-11M Silt Fence

Carthage Mills’ FX™-11M is our premium woven slit film (warp) and monofilament (fill) sedimentation geotextile of 100% polypropylene yarns. This combination of yarn types provides increased mechanical and hydraulic / filtration efficiencies over silt fence fabrics constructed entirely of slit film yarns. FX-11M meets or exceeds most state and federal requirements.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> <b>Mechanical</b>			
Grab Tensile	ASTM D 4632	667.5 x 445 N	150 x 100 lbs
Grab Tensile Elongation			
Mullen Burst	ASTM D 3786	2413 kPa	350 psi
Puncture	ASTM D 4833	267 N	60 lbs
Trapezoidal Tear	ASTM D 4533	222.5 x 178 N	50 x 40 lbs
<input type="checkbox"/> <b>Endurance</b>			
UV Resistance	ASTM D 4355	90% @ 500 hrs	
<input type="checkbox"/> <b>Hydraulics / Filtration</b>			
Apparent Opening Size (AOS)	ASTM D 4751	0.425 mm	40 US Std. Sieve
Permittivity	ASTM D 4491	0.90 sec <sup>-1</sup>	
Permeability		0.040 cm/sec	
Flow Rate		3056 l/min/m <sup>2</sup>	75 gpm/ft <sup>2</sup>
<input type="checkbox"/> <b>Physical / Dimensional</b>			
Mass Per Unit Area	ASTM D 5261	135.6 g/m <sup>2</sup>	4.0 oz/yd <sup>2</sup>
Standard Roll Sizes / Packaging (Special sizes, packaging and fabrication are available.)	Measured (Typical)	0.91 m x 91.44 m 83.6 m <sup>2</sup> 15.6 kg 28 cm diameter	3 ft x 300 ft 100 yd <sup>2</sup> 34.3 lbs 11 in. diameter

Unless otherwise noted, all properties reported are Minimum Average Roll Values (MARV), and are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any sample taken during quality assurance testing will exceed the value reported.

The properties reported above are effective 02/01/03 and are subject to change without notice.

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