



Product Data Sheet

■ FX-11™ Silt Fence

Carthage Mills’ FX™-11 is a woven slit film sedimentation geotextile of 100% polypropylene yarns. FX-11 meets or exceeds most state and federal highway requirements.

AASHTO M-288-00: FX™-11 exceeds the geotextile requirements for *Temporary Silt Fence/Supported*.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> Mechanical			
Grab Tensile	ASTM D 4632	556 x 450 N	125 x 101 lbs
Grab Tensile Elongation		15 x 12%	
Mullen Burst	ASTM D 3786	1827 kPa	265 psi
Puncture	ASTM D 4833	289.25 N	65 lbs
Trapezoidal Tear	ASTM D 4533	222.5 x 178 N	50 x 40 lbs
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	90% @ 500 hrs	
<input type="checkbox"/> Hydraulics / Filtration			
Apparent Opening Size (AOS)	ASTM D 4751	0.600 mm	30 US Std. Sieve
Permittivity	ASTM D 4491	0.07 sec ⁻¹	
Flow Rate		244.5 l/min/m ²	6 gpm/ft ²
<input type="checkbox"/> Physical / Dimensional			
Mass Per Unit Area	ASTM D 5261	101.7 g/m ²	3.0 oz/yd ²
Standard Roll Sizes / Packaging (Special sizes, packaging and fabrication are available.)	Measured (Typical)	0.91 m x 91.44 m 83.6 m ² 16 kg 30.5 cm diameter	3 ft x 300 ft 100 yd ² 35 lbs 12 in. diameter
		0.91 m x MR's Variable m ² Variable kg Variable cm dia.	3 ft x Master Rolls Variable yd ² Variable lbs Variable 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 03/09/04 and are subject to change without notice.

Seller makes no warranty, expressed or implied, concerning the product furnished hereunder other than at the time of delivery it shall be of the quality and specification stated herein. Any implied warranty of fitness for a particular purpose is expressly excluded, and, to the extent that it is contrary to the foregoing sentence, any implied warranty of merchantability is expressly excluded. Any recommendations made by seller concerning the uses or applications of said product are believed reliable and seller makes no warranty of results to be obtained. If the product does not meet Carthage Mills current published specifications, and the customer gives notice to Carthage Mills before installing the product, then Carthage Mills will replace the product without charge or refund the purchase price.