



Product Data Sheet

■ FX™-7 Silt Fence

Carthage Mills’ FX™-7 is a woven slit film sedimentation geotextile of 100% polypropylene yarns. While this product was designed primarily for use on private sector projects, it also meets many state and federal requirements.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> Mechanical			
Grab Tensile	ASTM D 4632	333.75 x 178 N	75 x 40 lbs
Grab Tensile Elongation			
Mullen Burst	ASTM D 3786	1103 kPa	160 psi
Puncture	ASTM D 4833	111.25 N	25 lbs
Trapezoidal Tear	ASTM D 4533	156 x 67 N	35 x 15 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	1.18 mm	16 US Std. Sieve
Permittivity	ASTM D 4491	0.70 sec ⁻¹	
Permeability		0.020 cm/sec	
Flow Rate		2037 l/min/m ²	50 gpm/ft ²
<input type="checkbox"/> Physical / Dimensional			
Mass Per Unit Area	ASTM D 5261	81.4 g/m ²	2.4 oz/yd ²
Standard Roll Sizes / Packaging (Special sizes, packaging and fabrication are available.)	Measured (Typical)	0.61 m x 91.44 m 55.8 m ² 6.9 kg 61 cm diameter	2 ft x 300 ft 66.7 yd ² 15.3 lbs 24 in. diameter
		0.61 m x 1371.6 m 836 m ² 71.7 kg 76.2 cm diameter	2 ft x 4500 ft 1000 yd ² 158 lbs 30 in. diameter
		0.91 m x 91.44 m 83.6 m ² 8.9 kg 61 cm diameter	3 ft x 300 ft 100 yd ² 19.7 lbs 24 in. diameter
		0.91 m x 1371.6 m 1254 m ² 106.6 kg 76.2 cm diameter	3 ft x 4500 ft 1500 yd ² 235 lbs 30 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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