



Product Data Sheet

■ FX™-230M

FX™-230M is a woven combination monofilament / fibrillated filtration geotextile of 100% polypropylene yarns. Although not a 'true' monofilament fabric, and possessing <4% Open Area, this fabric has exhibited good filtration and flow capabilities in certain well graded soils.

AASHTO M-288-00: FX™-230M exceeds the geotextile requirements for *Permanent Erosion Control*/Class 1 (Percent *In-Situ* Soil Passing 0.075 mm = <15%).

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> Hydraulics / Filtration			
Apparent Opening Size (AOS)	ASTM D 4751	0.425 mm	40 US Sieve
Percent Open Area	CW-02215	≤ 1%	
Permittivity	ASTM D 4491	0.90 sec ⁻¹	
Permeability		0.07 cm/sec	
Flow Rate		2851 l/min/m ²	70 gpm/ft ²
<input type="checkbox"/> Mechanical			
Grab Tensile	ASTM D 4632	1780 x 1402 N	400 x 315 lbs
Grab Tensile Elongation			
Wide Width Tensile	ASTM D 4595	43.8 x 40.3 kN/m	250 x 230 lbs/in 3000 x 2760 lbs/ft
Mullen Burst	ASTM D 3786	5506 kPa	800 psi
Puncture	ASTM D 4833	668 N	150 lbs
Trapezoidal Tear	ASTM D 4533	668 x 734 N	150 x 165 lbs
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	90% @ 500 hrs	
<input type="checkbox"/> Physical / Dimensional			
Mass Per Unit Area	ASTM D 5261	271 g/m ²	8.0 oz/yd ²
Standard Roll Sizes / Packaging (Special sizes, packaging and fabrication are available.)	Measured (Typical)	4.57 m x 91.44 m 418 m ² 120.2 kg	15.0 ft x 300 ft 500 yd ² 265 lbs

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 03/23/04 and are subject to change without notice.

For more information on Percent Open Area, please see papers entitled *Why Percent Open Area?* and *Independent Research on Fabric Clogging* included with our information package.

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