



MIRAFI FW403

MIRAFI® FW403 is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. MIRAFI FW403 geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MIRAFI FW403 meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	425 (1891)	350 (1558)
Grab Tensile Elongation	ASTM D4632	%	20	20
Trapezoid Tear Strength	ASTM D4533	lbs (N)	145 (645)	125 (556)
CBR Puncture Strength	ASTM D6241	lbs (N)	1340 (5963)	
MINIMUM ROLL VALUE				
Percent Open Area	COE-02215	%	6	
Permittivity	ASTM D4491	sec ⁻¹	0.96	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	70 (2852)	
MAXIMUM OPENING SIZE				
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	40 (0.425)	
MINIMUM TEST VALUE				
UV Resistance (at 500 Hours)	ASTM D4355	% strength retained	90	
PHYSICAL PROPERTIES		UNIT	TYPICAL ROLL VALUE	
Roll Dimensions (width x length)		ft (mm)	12.5 x 300 (3.8 x 91)	
Roll Area		yd ² (m ²)	417 (348)	
Roll Weight		lbs (kg)	249 (113)	



Distributed By:
Road Fabrics, Inc.
630-293-3111
info@roadfabrics.com
www.roadfabrics.com

365 South Holland Drive Pendergrass, GA 30567

Tel +1 706 693 2226 www.tencategeo.us



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