

TENCATE GEOSYNTHETICS Americas







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 Laboratories are accredited Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). NTPEP Listed

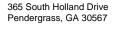
Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	425 (1891)	350 (1558)
Grab Tensile Elongation	ASTM D4632	%	21	21
Trapezoid Tear Strength	ASTM D4533	lbs (N)	145 (645)	125 (556)
CBR Puncture Strength	ASTM D6241	lbs (N)	1340 (5963)	
			Minimum	Roll Value
Percent Open Area	COE-02215	%	6	
Permittivity	ASTM D4491	sec ⁻¹	0.96	
Flow Rate	ASTM D4491	gal/min/ft2 (l/min/m2)	70 (2852)	
			Maximum O	pening 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	Roll Size	
Roll Dimensions (width x length)	ft (m)	12.5 x 300 (3.8 x 91)	
Roll Area	yd² (m²)	417 (348)	

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