

TENCATE GEOSYNTHETICS Americas







Mirafi® FW402

Mirafi[®] FW402 is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi[®] FW402 geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids

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

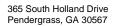
Mechanical Properties	anical Properties Test Method Unit	Minimum Average Roll Value		
-			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	365 (1624)	200 (890)
Grab Tensile Elongation	ASTM D4632	%	24	10
Trapezoid Tear Strength	ASTM D4533	lbs (N)	115 (512)	75 (334)
CBR Puncture Strength	ASTM D6241	lbs (N)	675 (3004)	
			Minimum I	Roll Value
Percent Open Area	COE-02215	%	10	
Permittivity	ASTM D4491	sec ⁻¹	2.1	
Flow Rate	ASTM D4491	gal/min/ft2 (l/min/m2)	145 (5907)	
			Maximum O	pening Size
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	40 (0.425)	
			Minimum 1	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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Tel 706 693 2226 Tel 888 795 0808 Fax 706 693 4400 www.tencate.com



