



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	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 Roll Value				
Percent Open Area	COE-02215	%	10	
Permittivity	ASTM D4491	sec ⁻¹	2.1	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	145 (5907)	
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	Roll Size
Roll Dimensions (width x length)	ft (m)	12.5 x 300 (3.8 x 91)
Roll Area	yd ² (m ²)	417 (348)

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