



## TENCATE GEOSYNTHETICS Americas







## Mirafi® FW500

Mirafi<sup>®</sup> FW500 geotextile is composed of high-tenacity monofilament and fibrillated polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi<sup>®</sup> FW500 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

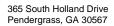
Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	375 (1669)	375 (1669)
Grab Tensile Elongation	ASTM D4632	%	15	8
Trapezoid Tear Strength	ASTM D4533	lbs (N)	120 (534)	120 (534)
CBR Puncture Strength	ASTM D6241	lbs (N)	1200 (5340)	
			Minimum I	Roll Value
Percent Open Area	COE-02215	%	3	
Permittivity	ASTM D4491	sec <sup>-1</sup>	0.2	
Flow Rate	ASTM D4491	gal/min/ft2 (l/min/m2)	15 (611)	
			Maximum O	pening Size
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	50 (0.30)	
			Minimum Test Value	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

Physical Properties	Unit	Roll Size	
Roll Dimensions (width x length)	ft (m)	15 x 300 (4.57 x 91.4)	
Roll Area	yd² (m²)	500 (418)	

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