



Mirafi[®] FF101

Mirafi[®] FF101 geotextile is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi[®] FF101 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	N (lbs)	667 (150)	423 (95)
Grab Tensile Elongation	ASTM D4632	%	17	14
Mullen Burst Strength	ASTM D3786	kPa (psi)	1207 (175)	
AOS ¹	ASTM D4751	mm (U.S. Sieve)	0.60 (30)	
Flow Rate	ASTM D4491	l/min/m ² (gal/min/ft ²)	4074 (100)	
Permittivity	ASTM D4491	sec-1	2.9	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

¹ ASTM D 4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Unit	Typical Value
Color	--	Black or Orange
Roll Dimensions (width x length)	m (ft)	0.9 x 305 (3 x 1000)
Roll Area	m ² (yd ²)	275 (333)
Estimated Roll Weight	kg (lb)	50 (110)

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