

Mirafi[®] FF101

Mirafi[®] FF101 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 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 D 4632	kN (lbs)	0.67 (150)	0.42 (95)
Grab Tensile Elongation	ASTM D 4632	kN (lbs)	17	14
Mullen Burst Strength	ASTM D 3786	kPa (psi)	1206 (175)	
AOS	ASTM D 4751	mm (U.S. Sieve)	0.595 (30)	
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	4074 (100)	
Permittivity	ASTM D 4491	sec-1	2.9	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	80	

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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