



MIRAFI 1100NC

MIRAFI® 1100NC is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. MIRAFI 1100NC is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MIRAFI 1100NC meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	250 (1113)	250 (1113)
Grab Tensile Elongation	ASTM D4632	%	50	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	90 (401)	90 (401)
CBR Puncture Strength	ASTM D6241	lbs (N)	600 (2670)	
MAXIMUM OPENING SIZE				
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	70 (0.212)	
MINIMUM ROLL VALUE				
Permittivity Flow Rate	ASTM D4491	sec ⁻¹	0.7	
	ASTM D4491	gal/min/ft ² (l/min/m ²)	65 (2648)	
MINIMUM TEST VALUE				
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	
PHYSICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			ROLL VALUE	
Weight	ASTM D5261	oz/yd ² (g/m ²)	9.5 (322)	
ROLL SIZE				
Roll Dimensions (width x length)		ft (m)	15 x 300 (4.57 x 91.4)	
Roll Area		yd ² (m ²)	500 (418)	
Estimated Roll Weight		lbs (kgs)	326 (148)	

365 South Holland Drive Pendergrass, GA 30567

Tel +1 706 693 2226 www.tencategeo.us



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