

MIRAFI® SILT FENCE

High Tenacity Polypropylene Yarns



Description

Mirafi® Silt Fence is a silt fence structure, which encompasses Mirafi®100X, a woven fabric comprised of high tenacity polypropylene yarns. Mirafi® Silt Fence is prefabricated with 3.2cm (1.25") nominal square hardwood posts and is ready for immediate installation upon delivery.

Mechanical Properties (Fabric)	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D 4632	N (lbs)	550 (124)	550 (124)
Grab Tensile Elongation	ASTM D 4632	%	15	15
Trapezoid Tear Strength	ASTM D 4533	N (lbs)	290 (65)	290 (65)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	2060 (300)	
Puncture Strength	ASTM D 4833	N (lbs)	290 (65)	
Apparent Opening Size (AOS)	ASTM D 4751	mm (U.S. Sieve)	0.600 (30)	
Permittivity	ASTM D 4491	sec ⁻¹	0.10	
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	405 (10)	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	70	

Physical Properties	Test Method	Unit	Typical Value	
Fabric Weight	ASTM D 5261	g/m ² (oz/yd ²)	108 (3.2)	
Fabric Thickness	ASTM D 5199	mm (mils)	0.38 (15)	
Post Spacing	--	m (ft)	2.5 (8.3)	3.0 (10.0)
Roll Dimensions (width x length)	--	m (ft)	0.9 x 30 (3 x 100)	0.9 x 30 (3 x 100)
Estimated Roll Weight	--	kg (lbs)	23 (50)	20 (45)

DISCLAIMER: Ten Cate Nicolon warrants our products to be free from defects in material and workmanship when delivered to Ten Cate Nicolon's customers and that our products meet our published specifications. Contact your local Ten Cate Nicolon Representative for detailed product specification and warranty information.