



Mirafi[®] 600X

Mirafi[®] 600X geotextile is composed of high-tenacity polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi[®] 600X 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)	1402 (315)	1402 (315)
Grab Tensile Elongation	ASTM D4632	%	12	
Trapezoid Tear Strength	ASTM D4533	N (lbs)	503 (113)	503 (113)
CBR Puncture Strength	ASTM D6241	N (lbs)	4005 (900)	
Apparent Opening Size (AOS) ¹	ASTM D4751	mm (U.S. Sieve)	0.43 (40)	
Permittivity	ASTM D4491	sec ⁻¹	0.05	
Flow Rate	ASTM D4491	l/min/m ² (gal/min/ft ²)	163 (4.0)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

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

Physical Properties	Test Method	Unit	Typical Value	
Weight	ASTM D5261	g/m ² (oz/yd ²)	203 (6.0)	
Thickness	ASTM D5199	mm (mils)	0.6 (25)	
Roll Dimensions (width x length)	--	m (ft)	3.8 x 110 (12.5 x 360)	5.3 x 78.7 (17.5 x 258)
Roll Area	--	m ² (yd ²)	418 (500)	418 (500)
Estimated Roll Weight	--	kg (lb)	109 (240)	109 (240)

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

© 2010 TenCate Geosynthetics North America
Mirafi[®] is a registered trademark of Nicolon Corporation