



## Mirafi® 650X

Mirafi® 650X is a woven geotextile composed of polypropylene fibers, which are woven into a stable network such that the fibers retain their relative position. Mirafi® 650X is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids. Mirafi® 650X meets AASHTO M288 Strength Classes 1, 2, & 3 for Elongation < 50%.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)). [NTPEP](#) Listed

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	350 (1558)	350 (1558)
Grab Tensile Elongation	ASTM D4632	%	15	15
Trapezoid Tear Strength	ASTM D4533	lbs (N)	100 (445)	100 (445)
CBR Puncture Strength	ASTM D6241	lbs (N)	1000 (4450)	
<b>MAXIMUM OPENING SIZE</b>				
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	30 (0.60)	
MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM ROLL VALUE	
Permittivity	ASTM D4491	sec <sup>-1</sup>	0.05	
Flow Rate	ASTM D4491	gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> )	3 (122)	
<b>MINIMUM TEST VALUE</b>				
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	
PHYSICAL PROPERTIES		UNIT	ROLL SIZE	
Roll Dimensions (width x length)		ft (m)	15 x 300 (4.6 x 91)	
Roll Area		yd <sup>2</sup> (m <sup>2</sup> )	500 (418)	
Roll Weight		lbs (kg)	283 (128)	
Label Color			WHITE	

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