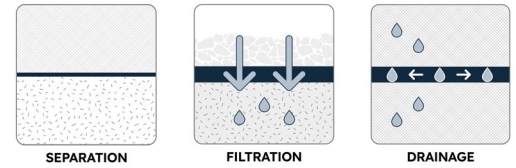


MIRAFI E1600



MIRAFI® E1600 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 E1600 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 E1600 meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE
Grab Tensile Strength	ASTM D4632	lbs (N)	425 (1891)
Grab Tensile Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (N)	155 (690)
CBR Puncture Strength	ASTM D6241	lbs (N)	1200 (5340)
			MAXIMUM OPENING SIZE
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	100 (0.15)
			MINIMUM ROLL VALUE
Permittivity	ASTM D4491	sec ⁻¹	0.6
Permeability	ASTM D4491	cm/sec	0.15
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	40 (1630)
			MINIMUM TEST VALUE
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80
PHYSICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL ROLL VALUE
Weight	ASTM D5261	oz/yd ² (g/m ²)	16.0 (542)
			TYPICAL ROLL VALUE
Roll Dimensions (width x length)		ft (m)	15 x 300 (4.5 x 91)
Roll Area		yd ² (m ²)	500 (418)
Roll Weight		lb (kg)	516 (234)

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Solmax is not a design or engineering professional and has not performed any such design services to determine if Solmax's goods comply with any project plans or specifications, or with the application or use of Solmax's goods to any particular system, project, purpose, installation, or specification.
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