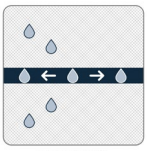

MIRAFI G100W

MIRAFI® G100W Drainage Composite is produced from a high compressive strength polymer core with an AASHTO M288 Class 3 for elongation > 50% woven monofilament filter geotextile bonded to one side.
TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).
MIRAFI G100W meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

CORE MECHANICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL ROLL VALUE
Thickness	ASTM D1777	in (mm)	0.4 (10.2)
Compressive Strength	ASTM D1621	psf (kPa)	18,000 (862)
Maximum Flow rate[1]	ASTM D4716	gal/min/ft (l/min/m)	21 (261)

GEOTEXTILE MECHANICAL PROPERTIES WOVEN MONOFILAMENT	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	365 (1624)	200 (890)
CBR Puncture Strength	ASTM D6241	lbs (N)	675 (3004)	
Apparent Opening Size (AOS)	D4751	U.S. Sieve (mm)	40 (0.212)	

			MINIMUM AVERAGE ROLL VALUE
Permittivity	D4491	sec^{-1}	2.1
Flow Rate	D4491	$gal/min/ft^2$ ($l/min/m^2$)	145 (5907)

PHYSICAL PROPERTIES	UNIT	TYPICAL ROLL VALUE
Roll Dimensions (width x length)	ft (m)	4 x 50 (1.2 x 15.2)
Roll Area	ft^2 (m^2)	200 (18.6)
Estimated Roll Weight	lb (kg)	50 (23)

[1] In plane flow rate at 173 kPa (3600 psf) with a gradient of 1.0 (Standard Test Method for Determining the (In-plane) Flow Rate per Unit Width and Hydraulic Transmissivity of a Geosynthetic Using a Constant Head)

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