

G200NC G-Series Drainage Composite

G200NC Drainage Composite is produced from a high compressive strength polypropylene core with a Mirafi® 160N nonwoven filter geotextile bonded to both sides.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Core Mechanical Properties	Test Method	Unit	Typical Roll Value
Thickness	ASTM D1777	in (mm)	0.4 (10.2)
Compressive Strength	ASTM D1621	psf (kPa)	16,500 (790)
Maximum Flow Rate ¹	ASTM D4716	gal/min/ft (l/min/m)	21 (260)

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)

Geotextile Mechanical Properties Mirafi® 160N	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	160 (712)	160 (712)
CBR Puncture Strength	ASTM D6241	lbs (N)	410 (1825)	
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	70 (0.212)	
Permittivity	ASTM D4491	sec ⁻¹	1.5	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	110 (4481)	

Physical Properties	Unit	Typical 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 (22)

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