

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.

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| 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

| 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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