

# Mirafi<sup>®</sup> 600X



Mirafi<sup>®</sup> 600X geotextile is composed of high-tenacity polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi<sup>®</sup> 600X geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratory is accredited Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

| Mechanical Properties        | Test Method | Unit   | Minimum Average Roll Value |            |
|------------------------------|-------------|--|----------------------------|------------|
|                              |             |  | MD                         | CD         |
| Grab Tensile Strength        | ASTM D4632  | lbs (N)  | 315 (1402)                 | 315 (1402) |
| Grab Tensile Elongation      | ASTM D4632  | %  | 15                         |            |
| Trapezoid Tear Strength      | ASTM D4533  | lbs (N)  | 120 (534)                  | 120 (534)  |
| CBR Puncture Strength        | ASTM D6241  | lbs (N)  | 900 (4005)                 |            |
| Maximum Opening Size         |             |  |                            |            |
| Apparent Opening Size (AOS)  | ASTM D4751  | U.S. Sieve (mm)                                    | 40 (0.425)                 |            |
| Minimum Roll Value           |             |  |                            |            |
| Permittivity                 | ASTM D4491  | sec <sup>-1</sup>                                  | 0.05                       |            |
| Flow Rate                    | ASTM D4491  | gal/min/ft <sup>2</sup><br>(l/min/m <sup>2</sup> ) | 4.0 (163)                  |            |
| Minimum Test Value           |             |  |                            |            |
| UV Resistance (at 500 hours) | ASTM D4355  | % strength retained                                | 70                         |            |

| Physical Properties              | Unit                              | Roll Sizes                |                        |                            |
|----------------------------------|-----------------------------------|---------------------------|------------------------|----------------------------|
| Roll Dimensions (width x length) | ft (m)                            | 12.5 x 360<br>(3.8 x 110) | 15 x 300<br>(4.6 x 91) | 17.5 x 258<br>(5.3 x 78.7) |
| Roll Area                        | yd <sup>2</sup> (m <sup>2</sup> ) | 500 (418)                 |                        |                            |

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365 South Holland Drive  
Pendergrass, GA 30567

Tel 706 693 2226  
Tel 888 795 0808

Fax 706 693 4400  
[www.tencate.com](http://www.tencate.com)

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