

Mirafi® 600X



Mirafi® 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® 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) | 113 (503) | 113 (503) |
| 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 ⁻¹ | 0.05 | |
| Flow Rate | ASTM D4491 | gal/min/ft ² (l/min/m ²) | 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 (3.8 x 110) | 15 x 300 (4.6 x 91) | 17.5 x 258 (5.3 x 78.7) |
| Roll Area | yd ² (m ²) | 500 (418) | | |

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