

Mirafi® FW300



Mirafi® FW300 geotextile composed of polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi® FW300 geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids

TenCate Geosynthetics Americas Laboratories are accredited by 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) | 400 (1780) | 335 (1491) |
| Grab Tensile Elongation | ASTM D4632 | % | 20 | 15 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (N) | 145 (645) | 125 (556) |
| CBR Puncture Strength | ASTM D6241 | lbs (N) | 1250 (5563) | |
| | | | Minimum Roll Value | |
| Percent Open Area | COE-02215 | % | 8 | |
| Permittivity | ASTM D4491 | sec ⁻¹ | 1.5 | |
| Flow Rate | ASTM D4491 | gal/min/ft ² (l/min/m ²) | 115 (4685) | |
| | | | Maximum Opening Size | |
| Apparent Opening Size (AOS) | ASTM D4751 | U.S. Sieve (mm) | 30 (0.60) | |
| | | | Minimum Test Value | |
| UV Resistance (at 500 hours) | ASTM D4355 | % strength retained | 90 | |

| Physical Properties | Unit | Roll Size |
|----------------------------------|-----------------------------------|-----------------------|
| Roll Dimensions (width x length) | ft (m) | 12.5 x 300 (3.8 x 91) |
| Roll Area | yd ² (m ²) | 417 (348) |

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