

Mirafi® FW700



Mirafi® FW700 geotextile is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi® FW700 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). NTPEP Listed

| Mechanical Properties | Test Method | Unit | Minimum Average Roll Value | |
|------------------------------|-------------|---|----------------------------|------------|
| | | | MD | CD |
| Grab Tensile Strength | ASTM D4632 | lbs (N) | 370 (1647) | 250 (1113) |
| Grab Tensile Elongation | ASTM D4632 | % | 15 | 15 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (N) | 100 (445) | 60 (267) |
| CBR Puncture Strength | ASTM D6241 | lbs (N) | 950 (4228) | |
| | | | Minimum Roll Value | |
| Percent Open Area | COE-02215 | % | 4 | |
| Permittivity | ASTM D4491 | sec ⁻¹ | 0.28 | |
| Flow Rate | ASTM D4491 | gal/min/ft ² (l/min/m ²) | 18 (733) | |
| | | | Maximum Opening Size | |
| Apparent Opening Size (AOS) | ASTM D4751 | U.S. Sieve (mm) | 70 (0.212) | |
| | | | 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 x 300 (3.7 x 91) |
| Roll Area | yd ² (m ²) | 400 (334) |

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GAI-LAP-25-97