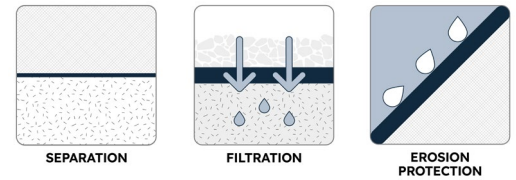


# MIRAFI FW700



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 (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MIRAFI FW700 meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

| 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 <sup>-1</sup>                               | 0.28                       |            |
| Flow Rate                        | ASTM D4491  | gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> ) | 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  | TYPICAL ROLL VALUE         |            |
| Roll Dimensions (width x length) |             | ft (m)  | 12 x 300 (3.66 x 91.44)    |            |
| Roll Area                        |             | yd <sup>2</sup> (m <sup>2</sup> )               | 400 (334)                  |            |
| Roll Weight                      |             | lbs (kg)  | 167 (76)                   |            |

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