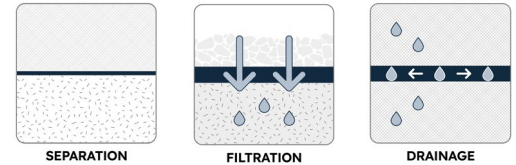


MIRAFI 1120N



MIRAFI® 1120N is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. MIRAFI 1120N 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 1120N 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) | 305 (1357) | 305 (1357) |
| Grab Tensile Elongation | ASTM D4632 | % | 50 | 50 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (N) | 115 (512) | 115 (512) |
| CBR Puncture Strength | ASTM D6241 | lbs (N) | 800 (3560) | |
| | | | MAXIMUM OPENING SIZE | |
| Apparent Opening Size (AOS) | ASTM D4751 | U.S. Sieve (mm) | 100 (0.15) | |
| | | | MINIMUM ROLL VALUE | |
| Permittivity | ASTM D4491 | sec ⁻¹ | 0.8 | |
| Flow Rate | ASTM D4491 | gal/min/ft ² (l/min/m ²) | 65 (2648) | |
| | | | MINIMUM TEST VALUE | |
| UV Resistance (at 500 hours) | ASTM D4355 | % strength retained | 70 | |
| PHYSICAL PROPERTIES | | UNIT | ROLL SIZE | |
| Roll Dimensions (width x length) | | ft (m) | 15 x 300 (4.57 x 91.4) | |
| Roll Area | | yd ² (m ²) | 500 (418) | |
| Roll Weight | | lbs (kg) | 351 (159) | |

365 South Holland Drive Pendergrass, GA 30567

Tel +1 706 693 2226 www.tencategeo.us



Solmax is not a design or engineering professional and has not performed any such design services to determine if Solmax's goods comply with any project plans or specifications, or with the application or use of Solmax's goods to any particular system, project, purpose, installation, or specification.
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