

WINFAB 1000N



WINFAB 1000N is a needlepunched nonwoven geotextile manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

WINFAB 1000N resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

| PROPERTY | TEST METHOD | MARV English | MARV Metric |
|------------------------------|-------------|------------------------|-------------------------|
| Tensile Strength (Grab) | ASTM D4632 | 250 x 250 lbs | 1113 x 1113 N |
| Elongation | ASTM D4632 | 50% | 50% |
| CBR Puncture | ASTM D6241 | 625 lbs | 2781 N |
| Trapezoidal Tear | ASTM D4533 | 100 x 100 lbs | 445 x 445 N |
| UV Resistance (500 Hrs) | ASTM D4355 | 70% | 70% |
| Apparent Opening Size (AOS)* | ASTM D4751 | 80 US Std. Sieve | 0.180 mm |
| Permittivity | ASTM D4491 | 1.2 sec ⁻¹ | 1.2 sec ⁻¹ |
| Water Flow Rate | ASTM D4491 | 85 gpm/ft ² | 3454 lpm/m ² |

*Maximum Average Roll Valve

Notes:

- Mullen Burst ASTM D3786 has been removed. It is not recognized by ASTM D35 on Geosynthetics.
- Puncture ASTM D4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241

| PROPERTY | Typical English | Typical Metric |
|-----------------|---------------------|--------------------|
| Roll Dimensions | 15 x 300 ft | 4.6 x 91.5 m |
| Roll Area | 500 yd ² | 418 m ² |

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(317) 346-4110
www.drainagesolutionsinc.com

