

**REINFORCING
SUCCESS**

(317) 346-4110
www.drainagesolutionsinc.com



WINFAB® 350N needle-punched nonwoven geotextile is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

WINFAB® 350N needle-punched nonwoven geotextile 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 | 90 x 90 lbs | 401 x 401 N |
| Elongation (Grab) | ASTM D4632 | 50% x 50% | 50% x 50% |
| Trapezoidal Tear Strength | ASTM D4533 | 40 x 40 lbs | 178 x 178 N |
| CBR Puncture | ASTM D6241 | 260 lbs | 1,157 N |
| UV Resistance (500 hrs) | ASTM D4355 | 70% | 70% |
| Apparent Opening Size* | ASTM D4751 | 50 US Std. Sieve | 0.30 mm |
| Permittivity | ASTM D4491 | 2.0 sec ⁻¹ | 2.0 sec ⁻¹ |
| Water Flow Rate | ASTM D4491 | 150 gpm/ft ² | 6,112 lpm/m ² |

*Maximum Average Roll Value

| PROPERTY | TEST METHOD | TYPICAL ENGLISH | TYPICAL METRIC |
|-----------------|-------------|--|--|
| Roll Dimensions | Measured | 12.5 ft x 360 ft 15 ft x 360 ft | 3.81 x 109.8 m 4.6 x 109.8 m |
| Roll Area | Measured | 500 yd ² 600 yd ² | 418 m ² 502 m ² |

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WINFAB | www.winfabusa.com

1 Nashville Mills Rd. Nashville GA 31639
Ph: (912) 534-5757 • Fax: (912) 534-5533

