



REINFORCING
SUCCESS

WINFAB® 4x4 geotextile fabric is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.

WINFAB® 4x4 geotextile fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PRODUCT DATA SHEET WINFAB® 4x4



FILTRATION



SEPARATION



REINFORCEMENT




STABILIZATION

| PROPERTY | TEST METHOD | MARV ENGLISH | MARV METRIC |
|--------------------------------|-------------|------------------------|--------------------------|
| Tensile Strength (Grab) | ASTM D4632 | 575 x 500 lbs | 2,558 x 2,225 N |
| Elongation (Grab) | ASTM D4632 | 15% x 12% | 15% x 12% |
| Trapezoidal Tear Strength | ASTM D4533 | 200 x 200 lbs | 890 x 890 N |
| CBR Puncture | ASTM D6241 | 2,200 lbs | 9,786 N |
| Wide Width Tensile | ASTM D4595 | 4,800 x 4,800 lbs/ft | 70.1 x 70.1 kN/m |
| Wide Width Elongation | ASTM D4595 | 8% x 6% | 8% x 6% |
| Wide Width Tensile @ 5% Strain | ASTM D4595 | 1,452 x 2,604 lbs/ft | 21.2 x 38 kN/m |
| UV Resistance (500 hrs) | ASTM D4355 | 90% | 90% |
| Apparent Opening Size* | ASTM D4751 | 30 US Std. Sieve | 0.60 mm |
| Permittivity | ASTM D4491 | .15 sec ⁻¹ | .15 sec ⁻¹ |
| Water Flow Rate | ASTM D4491 | 10 gpm/ft ² | 407.4 lpm/m ² |

*Maximum Average Roll Value

| PROPERTY | | TYPICAL ENGLISH | TYPICAL METRIC |
|-----------------|---|---------------------|--------------------|
| Roll Dimensions | - | 15 ft x 300 ft | 4.6 m x 91.5 m |
| Roll Area | - | 500 yd ² | 418 m ² |

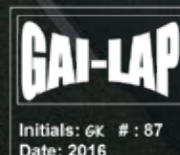
Disclaimer: WINFAB assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. WINFAB disclaims any and all implied, expressed, or statutory standards, guarantees, or warranties. This includes without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to equipment, materials, or information furnished herewith. This document should not be construed as engineering advice. Always consult the project engineer for project specific requirements. The end user assumes sole responsibility for the use of this information and product. The property values listed above are subject to change without notice.

WINFAB® &  are trademarks of Willacoochee Industrial Fabrics, Inc.

©2021 Willacoochee Industrial Fabrics Inc.

WINFAB | www.winfabusa.com

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



Initials: GK # : 87
Date: 2016