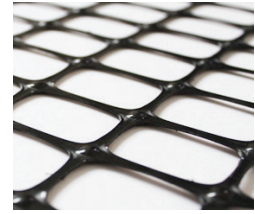


**BASELOK™ FABGRID™** is a composite geosynthetic consisting of a non-woven geotextile bonded to BaseLok™ GeoGrid. This product combines the most advanced geogrid technology with the added functionality of a non-woven geotextile for applications where site conditions require additional filtration and/or separation. BaseLok™ GeoGrid allows strong mechanical interlock with the soil being reinforced, while the geotextile provides separation and filtration without preventing the soil-geogrid interlock.



**PRODUCT PROPERTIES<sup>1</sup>**

<b>Technical Characteristics</b>	<b>Units</b>	<b>MD Values<sup>1</sup></b>	<b>XMD Values<sup>1</sup></b>
» Aperture Dimensions	in (mm)	1.5 (38)	1.5 (38)
» Minimum Rib Thickness <sup>2</sup>	in (mm)	0.35 (.9)	0.025 (0.6)
» Tensile Strength @ 2% Strain	lb/ft (kN/m)	340 (5)	340 (5)
» Tensile Strength @ 5% Strain	lb/ft (kN/m)	750 (11)	750 (11)
» Ultimate Tensile Strength	lb/ft (kN/m)	1030 (15)	1030 (15)

**Structural Integrity**

» Junction Efficiency <sup>3</sup>	%	93
» Flexural Stiffness	mg-cm	250,000
» Aperture Stability	m-N/deg	0.38

**Durability**

» Resistance to Installation Damage	%SC / %SW / %GP	95 / 93 / 90
» Resistance to Chemical Degradation <sup>4</sup>	%	100
» Resistance to UV Degradation <sup>5</sup>	%	100

**GEOTEXTILE HYDRAULIC PROPERTIES<sup>1</sup>**

<b>FILTER FABRIC</b>	<b>Test Method</b>	<b>English</b>	<b>Metric</b>
» Type: Non-woven			
» Apparent Opening Size (AOS)	ASTM D4751	70 US Std. Sieve	0.212 mm
» Permittivity	ASTM D4491	1.5 sec <sup>-1</sup>	1.5 sec <sup>-1</sup>
» Water Flow Rate	ASTM D4491	110 gpm/ft <sup>2</sup>	4479 l/min/m <sup>2</sup>

**Dimensions & Delivery**

The BaseLok™ geogrid composite shall be delivered to the job site in roll form with each roll individually identified and nominally measuring 4m (13.1-FT) in width and 50m (246-FT) in length. **BASELOK™ FABGRID™** is also available in 16-FT width.

**Notes**

1. Unless indicated otherwise, values shown are minimum average roll values determined in accordance with ASTM D4759. Brief descriptions of test procedures are given in the following notes.
2. Nominal dimensions.
3. Load transfer capability determined according to ASTM D7737.
4. Resistance to loss of load capacity or structural integrity when subjected to chemically aggressive environments according to EPA 9090 immersion testing.
5. Resistance to loss of load capacity or structural integrity when subjected to 500 hours of ultraviolet light and aggressive weathering in according to ASTM D4355.



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**BASELOK™ FABGRID™** may change product specifications without notice. The determination of whether the **BASELOK™ FABGRID™** system is suitable for use in the application described in our literature and on our website is to be determined solely by the user. The information provided is not intended to be nor does it represent engineering advice for any particular project or use. Professional engineering should be consulted before installation of **BASELOK™ FABGRID™** units to assure proper design and installation. ALL EXPRESSED OR IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. **BASELOK™ FABGRID™** are trademarks of Industrial Fabrics, Inc.