BASELOK® by Industrial Fabrics, Inc.

GEOGRID BX1100

Product Name:	**BX1100**
Product Type:	Integrally Formed Biaxial Geogrid
Polymer:	Polypropylene
Load Transfer Mechanism:	Positive Mechanical Interlock
Primary Applications:	Base Reinforcement, Subgrade Stabilization

PRODUCT PROPERTIES[1]

Index Properties	Test Method	Units	MD Values[1]	XMD Values[1]
» Aperture Dimensions[2]		in (mm)	1 (25)	1.3 (33)
» Minimum Rib Thickness[2]		in (mm)	0.03 (0.8)	0.03 (0.8)
» Tensile Strength @ 2% Strain	ASTM D6637	lb/ft (kN/m)	280 (4.1)	450 (6.6)
» Tensile Strength @ 5% Strain	ASTM D6637	lb/ft (kN/m)	580 (8.5)	920 (13.4)
» Ultimate Tensile Strength	ASTM D6637	lb/ft (kN/m)	850 (12.4)	1,300 (19)
Structural Integrity				
» Junction Efficiency	ASTM D6637 & D7737	%	93	
» Overall Flexural Stiffness	ASTM D7748	mg-cm	250,000	
» Aperture Stability	ASTM D7864	m-N/deg	0.32	
Durability				
» Resistance to Installation Damage	ASTM D6637 & D5818	%SC / %SW / %GP	95 / 93 / 90	
» Resistance to Long Term Degradation	EPA 9090	%	100	
» Resistance to UV Degradation	ASTM D4355	%	100	

Dimensions	Length ft (m)	Width ft (m)
» Standard Roll Sizes	328 (100)	12.5 (3.81)
	328 (100)	16 (4.88)

Dimensions & Delivery

The biaxial geogrid shall be delivered to the job site in roll form with each roll individually identified. **Roll sizes depend on availability at time of order.**

Notes:

1. Unless indicated otherwise, values shown are Minimum Average Roll Values (MARV) in accordance with ASTM D4759.
2. Nominal Dimensions.

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