

Product Name:	BX3030
Product Type:	Integrally Formed Biaxial Geogrid
Polymer:	Polypropylene
Load Transfer Mechanism:	Positive Mechanical Interlock
Primary Applications:	Base Reinforcement, Subgrade Stabilization

PRODUCT PROPERTIES¹

Index Properties	Test Method	Units	MD Values ¹	XMD Values ¹
» Aperture Dimensions ²		in (mm)	1.3 (33)	1.3 (33)
» Minimum Rib Thickness ²		in (mm)	0.09 (2.3)	0.06 (1.5)
» Tensile Strength @ 2% Strain	ASTM D6637	lb/ft (kN/m)	822 (12)	822 (12)
» Tensile Strength @ 5% Strain	ASTM D6637	lb/ft (kN/m)	1,507 (22)	1,507 (22)
» Ultimate Tensile Strength	ASTM D6637	lb/ft (kN/m)	2,055 (30)	2,055 (30)
» Radial Stiffness @ 0.5% Strain	ASTM D6637	lb/ft (kN/m)		42,500 (620)

Structural Integrity

» Junction Efficiency	ASTM D6637 & D7737	%		95
» Overall Flexural Stiffness	ASTM D7748	mg-cm		3,000,000
» Aperture Stability	ASTM D7864	m-N/deg		0.9

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 Size	164 (50)	12.9 (3.93)
» Custom Roll Sizes	164 (50)	13.1 (4)
	164 (50)	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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