

Product Name:	BX2525
Product Type:	Integrally Formed Biaxial Geogrid
Polymer:	Polypropylene
Load Transfer Mechanism:	Positive Mechanical Interlock
Primary Applications:	Base Reinforcement, Subgrade Stabilization

PRODUCT PROPERTIES BX2525

Index Properties	Test Method	Units	MD Values ¹	XMD Values ¹
□ Aperture Dimensions	Direct Measurement ²	in	1.3	1.30
□ Minimum Rib Thickness	Direct Measurement ²	in	0.06	0.06
□ Tensile Strength @ 2% Strain	ASTM D6637-01	lb/ft	620	620
□ Tensile Strength @ 5% Strain	ASTM D6637-01	lb/ft	1,160	1,160
□ Ultimate Tensile Strength	ASTM D6637-01	lb/ft	1,710	1,710

Structural Integrity

□ Junction Efficiency	GRI-GG2-05	%	93	
□ Flexural Stiffness	ASTM D7748	mg-cm	900,000	
□ Aperture Stability	US ACE Method ³	m-N/deg	0.80	

Durability

□ Resistance to Installation Damage	ASTM D6637-01	%SC / %SW / %GP	95 / 95 / 90
□ Resistance to Long Term Degradation	ASTM D6637-01	%	100
□ Resistance to UV Degradation	ASTM D4355-05	%	100

Dimensions

	Length (ft)	Width (ft)	SY / RL
□ Standard Roll Sizes	328	13.1	477
	168	13	243

*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 D4759-01
2. Direct Caliper Measurement.
3. Resistance to in-plane rotational movement measured by applying a 20 kg-cm (2 N-m) moment to the central junction of a 9 inch x 9 inch specimen restrained at its perimeter in accordance with U.S. Army Corps of Engineers Methodology for measurement of Aperture Stability Modulus (Torsional Rigidity).

Disclaimer: Industrial Grid reserves the right to change its product specifications at any time and without notice. It is the user's responsibility to ensure that this specification is current and that the specified product is appropriate for the application being considered by an independent engineer.