

Product Name:	MUX300
Product Type:	Integrally Formed Uniaxial Geogrid
Polymer:	Polypropylene
Load Transfer Mechanism:	Positive Mechanical Interlock
Primary Applications:	Marine Systems

PRODUCT PROPERTIES¹

Index Properties	Test Method	Units	MD Values ¹	XMD Values ¹
» Aperture Dimensions		in (mm)	5.6 (142)	.6 (15)
» Minimum Rib Thickness ²		in (mm)	.08 (2.1)	.08 (2.1)
» Percent Open Area ²		%	60	60
» True 1% Tensile Modulus in Use	ASTM D6637	lb/ft (kN/m)	143,930 (2,100)	143,930 (2,100)

Structural Integrity

» Junction Strength	ASTM D6637 & D7737	lb/ft (kN/m)	8,570 (125)
» Flexural Stiffness	ASTM D7748	mg-cm	9,500

Durability

» Resistance to Long Term Degradation	EPA 9090	%	100
» Resistance to UV Degradation	ASTM D4355	%	98

Dimensions

	Length ft (m)	Width ft (m)
» *Standard Roll Sizes	200 (61)	4.36 (1.33)

***Roll Sizes Depend on Availability at Time of Order**

Dimensions & Delivery

The uniaxial geogrid shall be delivered to the job site in roll form with each roll individually identified and nominally measuring 1.33m (4.36 FT) in width and 61m (200- FT) in length.

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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