

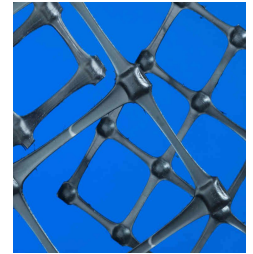


BaseGrid 11

Single Layer Bi-Axial Geogrids



BaseGrid 11 is an integrally formed, polypropylene, bi-axial geogrid with a load transfer mechanism of positive mechanical interlock. BaseGrid 11 is designed for base reinforcement and subgrade improvement. BaseGrid 11 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-6637</u>	850 x 1,300 lbs/ft	12.4 x 18.97 kN/m
Tensile Strength @ 2% Strain	<u>ASTM D-6637</u>	280 x 450 lbs/ft	4.1 x 6.6 kN/m
Tensile Strength @ 5% Strain	<u>ASTM D-6637</u>	580 x 920 lbs/ft	8.5 x 13.4 kN/m
Junction Efficiency	GRI-GG2-05	93 %	93 %
Aperture Stability	USCOE Method	0.32 m-N/deg	0.32 m-N/deg
Resistance ID (SC-SW-GP)	<u>ASTM D-5818/6637</u>	95 / 93 / 90 %	95 / 93 / 90 %
Resistance LT Deg	EPA 9090	100 %	100 %
Aperture Dimensions Nominal	Measured	1 x 1.3 inches	25 x 33 mm
Junction Strength	GRI GG2-01	98 x 111 lbs	0.44 x 0.49 kN
Minimum Rib Thickness Nominal	Measured	0.03 x 0.03 inches	0.762 x 0.762 mm
Overall Flexural Rigidity	<u>ASTM D-7748/D7748M-14</u>	250,000 mg-cm	250,000 mg-cm
Resistance UV Deg @ 500 Hours	<u>ASTM D-4355</u>	100 %	100 %

Important Roll Size Information

To maximize shipping volume and reliability, the dimensions of our biaxial geogrid products are changing. Please find the details of this change below:

Please note that product specifications will **NOT** change.

US Fabrics will continue to fulfill orders with discontinued sizes until inventory is depleted.

BaseGrid 11 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.91' x 246'	13"	12.61'	130 lbs	353.06 y ²	200
12.5' x 328'	15"	12.5'	169 lbs	455.56 y ²	230

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