

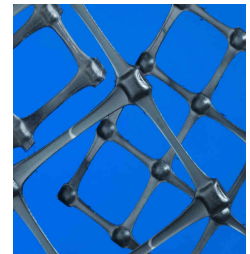


BaseGrid 12

Single Layer Bi-Axial Geogrids



BaseGrid 12 is an integrally formed, polypropylene, bi-axial geogrid with a load transfer mechanism of positive mechanical interlock. BaseGrid 12 is designed for base reinforcement and subgrade improvement. BaseGrid 12 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	ASTM D-6637	1,310 x 1,970 lbs/ft	19.12 x 28.75 kN/m
Tensile Strength @ 2% Strain	ASTM D-6637	410 x 620 lbs/ft	6 x 9 kN/m
Tensile Strength @ 5% Strain	ASTM D-6637	810 x 1,340 lbs/ft	11.8 x 19.6 kN/m
Junction Efficiency	GRI-GG2-05	93 %	93 %
Aperture Stability	USCOE Method	0.65 m-N/deg	0.65 m-N/deg
Resistance ID (SC-SW-GP)	ASTM D-5818/6637	95 / 93 / 90 %	95 / 93 / 90 %
Resistance LT Deg	EPA 9090	100 %	100 %
Aperture Dimensions <small>Nominal</small>	Measured	1 x 1.3 inches	25 x 33 mm
Junction Strength	GRI GG2-01	151 x 167 lbs	0.67 x 0.74 kN
Minimum Rib Thickness <small>Nominal</small>	Measured	0.05 x 0.05 inches	1.27 x 1.27 mm
Overall Flexural Rigidity	ASTM D-7748/D7748M-14	750,000 mg-cm	750,000 mg-cm
Resistance UV Deg @ 500 Hours	ASTM D-4355	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 12 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.91' x 164'	13"	12.91'	130 lbs	235.36 y ²	213
12.5' x 246'	16"	12.5'	192 lbs	341.67 y ²	168

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