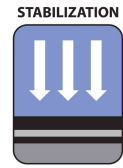


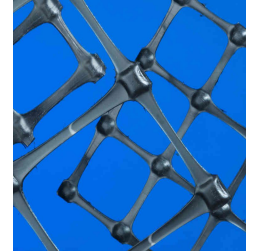


BaseGrid 100

Single Layer Bi-Axial Geogrids



BaseGrid 100 is an integrally formed, polypropylene, bi-axial geogrid. BaseGrid 100 meets TXDOT Geogrid Type I. BaseGrid 100 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength @ 2% Strain	ASTM D-6637	310 x 310 lbs/ft	4.5 x 4.5 kN/m
Tensile Strength @ 5% Strain	ASTM D-6637	580 x 580 lbs/ft	8.5 x 8.5 kN/m
Ultimate Tensile Strength	ASTM D-6637	855 x 855 lbs/ft	12.48 x 12.48 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)	ASTM D-5818/6637	95 / 93 / 90 %	95 / 93 / 90 %
Aperture Dimensions <input type="radio"/> Nominal	Measured	1.5 x 1.5 inches	38 x 38 mm
Minimum Rib Thickness <input type="radio"/> Nominal	Measured	0.03 x 0.02 inches	0.762 x 0.508 mm
Overall Flexural Rigidity	ASTM D-7748/D7748M-14	160,000 mg-cm	160,000 mg-cm
Resistance LT Deg	EPA 9090	100 %	100 %
Resistance UV Deg @ 500 Hours	ASTM D-4355	100 %	100 %

BaseGrid 100 Shipping & Packaging Information

SIZE	WIDTH	AREA
12.91' X 246'	12.91'	353.06 y ²

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