



BaseGrid 30-30 is an integrally formed, polypropylene, bi-axial geogrid with a load transfer mechanism of positive mechanical interlock. BaseGrid 30-30 is designed for base reinforcement and subgrade improvement. BaseGrid 30-30 meets the following M.A.R.V. values except where noted:

Property	Test Method	English	Metric
Aperture Dimensions (Nominal)	Measured	1.5 x 1.5 inches	38 x 38 mm
Minimum Rib Thickness (Nominal)	Measured	0.09 x 0.06 inches	2.2 x 1.5 mm
Tensile Strength @ 2% Strain	ASTM D-6637	720 x 720 lb/ft	10.5 x 10.5 kN/m
Tensile Strength @ 5% Strain	ASTM D-6637	1,440 x 1,440 lb/ft	21 x 21 kN/m
Ultimate Tensile Strength	ASTM D-6637	2,055 x 2,055 lb/ft	30 x 30 kN/m
Junction Efficiency	GRI-GG2-05	93%	93%
Flexural Stiffness	ASTM D-7748	2,000,000 mg-cm	2,000,000 mg-cm
Aperture Stability	USCOE Method (Torsional Rigidity)	0.75 m-N/deg	0.75 m-N/deg
Resistance to Installation Damage (SC-SW-GP)	ASTM D-5818/ASTM D-6637	95%SC/93%SW/90%GP	95%SC/93%SW/90%GP
Resistance to Long Term Degradation	EPA 9090	100%	100%
Resistance to UV Degradation @ 500 Hours	ASTM D-4355	100%	100%

Roll Size	Roll Diameter	Area	Weight
13.12' x 164'	13.0 in	239.1 sq yds	150 lbs

This information is provided for reference only and is not intended as a warranty or guarantee. GeoCHEM, Inc. assumes no liability in connection with the use of this information (1/2016)