



GGG GTX100 Geogrid

GGG GTX100 is an Integrally Formed Biaxial Geogrid made of 100% high molecular weight, high-tenacity multifilament polymer blends. The Aperture Shape and Rib Shape are both Rectangular. GGG GTX100 is primarily used for Base Reinforcement or Subgrade Improvement. GGG GTX100 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polymer Blends are stable within a pH range of 2 to 13. GGG GTX100 meets or exceeds the physical property values listed below:

Property	Units	MD M.A.R.V.	XMD M.A.R.V
Aperture Dimensions	inches	1.0	1.0
Nodal Thickness	inches	0.05	0.05
Min. Radial Stiffness at low strain @0.5 strain	lb/ft	124,000	
Max. Radial Stiffness at low strain @0.5 strain	lb/ft	178,000	
Resistance from Chemical Degradation	%	100	
Junction Efficiency	%	100	100
Resistance to Ultra-Violet light	%	84	
Aperture Stability	kg-cm/deg@5.0kg-cm	4.8	