



## GGG GTX120 Geogrid

GGG GTX120 is an integrally formed biaxial geogrid made of 100% multifilament polyester yarns. These filaments are woven into a stable network placed under tension. The load transfer mechanism is a positive mechanical interlock. GGG GTX120 is primarily used for base reinforcement or subgrade improvement. GGG GTX120 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polyester is stable within a pH range of 2 to 13. GGG GTX120 meets or exceeds the physical property values listed below:

Property	Units	MD M.A.R.V.	XMD M.A.R.V
Aperture Dimensions/ Shape	inches	1.0 Rectangle	1.0 Rectangle
Nodal Thickness	inches	0.08	0.08
Min. Radial Stiffness @ low strain	<u>kN/m@0.5%</u> strain	2,087	(143,000 lbs/ft)
Max. Radial Stiffness @ low strain	kN/m@0.5% strain	3430	(235,000 lbs/ft)
Junction Efficiency	%	100	100
Aperture Stability	kg-cm/deg@5.0kg-cm	12.5	
Resistance to Chemical Degradation	%	100	
Resistance to Ultra- Violet Light	%	84	