



GGG SF35 Geogrid

GGG SF35 is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. These yarns are coated with a PVC material. GGG SF35 is primarily used for Soil Reinforcement applications such as retaining walls, steepened slopes, embankments sub-grade stabilizations or embankments over soft soils. GGG SF35 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGG SF35 meets or exceeds the physical property values listed below:

Property	Test Method	Units	MD M.A.R.V.	XMD M.A.R.V
Aperture Dimensions		inches	0.75	0.75
Ultimate Tensile Strength	ASTM 6637	lb/ft	3435	3435
Creep Limited Strength	ASTM D 5262	lb.ft	2230	2230
Long Term Design Strength	NCMA 97	lb/ft	1878	1878
Resistance to UV	ASTM 4355	% strength retained	100	