



## GGG SF55 Geogrid

GGG SF55 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 SF55 is primarily used for Soil Reinforcement applications such as retaining walls, steepened slopes, embankments sub-grade stabilizations or embankments over soft soils. GGG SF55 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGG SF55 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
Tensile Strength @ 5% Strain		lbs/ft	1565	1565
Ultimate Tensile Strength	ASTM D 4595	lb/ft	4676	4676
Creep Limited Strength	ASTM D 5262	lb.ft	3032	3032
Long Term Design Strength	GRI GG 4 B	lb/ft	2625	2625
Resistance to UV	ASTM D 4355	% strength retained	86/500hrs	