

DeWitt GeoGrid 3KT Series

GeoGrid 2KT is composed of high molecular weight, high tenacity multifilament polyester yarns that are woven into a stable network placed under tension. The high strength polyester yarns are coated with a PVC material. GeoGrids 3KT are inert to biological degradation and are resistant to naturally encountered chemicals, alkalis and acids. GeoGrids 3KT are typically used for soil reinforcement applications such as retaining walls, steepened slopes, embankments, sub-grade stabilization, embankments over soft soils and waste containment applications.

Tensile Properties	Test Method	Marv Values	
		(kN/m)	(LBS/FT)
Ultimate Strength (MD)	ASTM D 6637	52.5	3,600
Creep Limited Strength (MD)	ASTM D 5262	34.8	2,384
Long Term Design Strength (MD)	NCMA 97	30.1	2,064
Aperture Size (ins)	Measured	20x25.4 (mm)	.79x1.00 (in)

- Reduction Factors:
- Creep (RF cr) 1.51
- Durability (RF d) 1.10
- Installation Damage* (RF id) 1.05

*Soil Type

*At the time of manufacturing. Handling may change these properties

Date: 06/01/23. This data sheet supersedes all previously issued data.
The above properties are typical averages.

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