

Horticulture Textiles & Products

DEWITT 3KT SERIES GEOGRID



3KTGeogrid 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. 2KT Geogrids are inert to biological degradation and are resistant to naturally encountered chemicals, alkalis and acids. 2KT Geogrids 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

DeWitt Company warrants our products to be free from defects in material and workmanship when delivered to our customers and that our products meet our published specifications. If a product is found to be defective, and our customer gives notice to DeWitt Company before installing the product, DeWitt Company will replace the product without charge or refund the purchase price through the applicable distributor. Replacing the product or obtaining a refund are the buyer's sole remedy for a breach and DeWitt Company will not be liable for any consequential damage attributed to a defective product. This warranty is given in lieu of all other warranties, express or implied, including the implied warranty of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond the description provided herein.

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