



Miragrid[®] 7XT

Miragrid[®] 7XT geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns which are woven in tension and finished with a PVC coating. Miragrid[®] 7XT geogrid is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas is accredited by [a2La](#) (The American Association for Laboratory Accreditation) and Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)). [NTPEP](#) test data.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
			Machine Direction
Tensile Strength (at ultimate)	ASTM D6637	lbs/ft (kN/m)	5900 (86.1)
Tensile Strength (at 5% strain)	ASTM D6637	lbs/ft (kN/m)	2160 (31.5)
Creep Reduced Strength ¹	ASTM D5262	lbs/ft (kN/m)	3734 (54.5)
Long Term Allowable Design Load ^{1,2}	GRI GG-4(b)	lbs/ft (kN/m)	3233 (47.2)

¹ Based on Third Party Testing.

² NOTE: Long Term Allowable Design values are for sand, silt and clay.

Physical Properties	Unit	Typical Value ³
Mass/Unit Area (ASTM D5261)	oz/yd ² (g/m ²)	9.4 (346)
Roll Dimensions (width x length)	ft (m)	12 x 200 (3.6 x 61)
Roll Area	yd ² (m ²)	267 (220)
Estimated Roll Weight	lbs (kg)	163 (75)

³ ASTM D4439 Standard Terminology for Geosynthetics: typical value, *n*—for geosynthetics, the mean value calculated from documented manufacturing quality control test results for a defined population obtained from one test method associated with on specific property.

Creep Reduced Strength (ASTM D5262), and Long Term Allowable Design Load (GRI GG-4(b)) is not covered by our current A2LA accreditation.

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