

Miragrid[®] 2XT

Miragrid[®] 2XT geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns which are woven in tension and finished with a PVC coating. Miragrid[®] 2XT geogrid is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Typical Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D 6637	kN/m (lbs/ft)	35.0 (2400)	32.8 (2250)
Creep Reduced Strength	ASTM D 5262	kN/m (lbs/ft)	22.2 (1519)	20.8 (1424)
Long Term Allowable Design Load ¹	GRI GG-4(b)	kN/m (lbs/ft)	19.2 (1315)	18.0 (1233)

¹ NOTE: Long Term Allowable Design values are for sand, silt and clay

Physical Properties	Test Method	Unit	Typical Value
Grid Aperture Size (machine direction)	--	mm (in)	22.2 (0.875)
Grid Aperture Size (cross machine direction)	--	mm (in)	25.4 (1.0)
Mass/Unit Area	ASTM D 5261	g/m ² (oz/yd ²)	254.3 (7.5)
Roll Dimensions (width x length)	--	m (ft)	1.8 (6) x 45.7 (150)
Roll Area	--	m ² (yd ²)	82.3 (100)
Estimated Roll Weight	---	kg (lbs)	21 (47)

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