

Miragrid[®] 7XT

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

Mechanical Properties	Test Method	Unit	Typical Value
			Machine Direction
Tensile Strength (at ultimate)	ASTM D 6637	kN/m (lbs/ft)	90.0 (6170)
Tensile Strength (at 5% strain)	ASTM D 6637	kN/m (lbs/ft)	41.6 (2848)
Creep Reduced Strength	ASTM D 5262	kN/m (lbs/ft)	57.0 (3905)
Long Term Allowable Design Load ¹	GRI GG-4(b)	kN/m (lbs/ft)	49.3 (3381)

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)	345.8 (10.2)
Roll Dimensions (width x length)	--	m (ft)	3.6 (12) x 61 (200)
Roll Area	--	m ² (yd ²)	220 (267)
Estimated Roll Weight	---	kg (lbs)	89 (197)

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