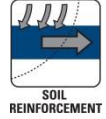


Mirafi[®] BXG11



Mirafi[®] BXG11 geogrid is composed of high molecular weight, high tenacity polyester multifilament yarns which are woven in tension and finished with a PVC coating. Mirafi[®] BXG11 geogrid is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](http://www.gai-lap.com)).

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D6637	lbs/ft (kN/m)	2500 (36.5)	2500 (36.5)
Tensile Strength (at 1% strain)	ASTM D6637	lbs/ft (kN/m)	375 (5.5)	375 (5.5)
Tensile Strength (at 2% strain)	ASTM D6637	lbs/ft (kN/m)	625 (9.1)	625 (9.1)
Tensile Strength (at 5% strain)	ASTM D6637	lbs/ft (kN/m)	1000 (14.6)	1000 (14.6)
Tensile Modulus (at 1% strain)	ASTM D6637	lbs/ft (kN/m)	37500 (547)	37500 (547)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

Physical Properties	Unit	Typical Value
Percent Open Area (COE CW-02215)	%	70
Grid Aperture Size (MD)	in (mm)	1.0 (25.4)
Grid Aperture Size (CMD)	in (mm)	1.0 (25.4)
Mass/Unit Area (ASTM D5261)	oz/yd ² (g/m ²)	9.1 (309)
Roll Dimensions (width x length)	ft (m)	13.1 x 164 (4 x 50)
Roll Area	yd ² (m ²)	239 (200)
Estimated Roll Weight	lbs (kg)	169 (77)

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