

## Product Specification – AXG19 Uniaxial Geogrid

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**Product Type:** High molecular weight, knitted and coated, high tenacity yarns  
**Composition:** Polyester with polymeric coating

### Product Properties

	Test method	Units	MD value <sup>1</sup>
<b>Mechanical Properties</b>			
• Ultimate tensile strength	ASTM D 6637-10 (Method A)	lb/ft	3,600
• Creep limited strength	ASTM D 5262 and D6992	lb/ft	2,323
• Long-term design strength <sup>1</sup>	ASTM D 5262 and D6992	lb/ft	1,919
		Units	Value
<b>Physical Properties</b>			
• Roll dimensions <sup>2</sup>		ft	6 x 300
• Mass per unit area		oz/SY	6.5
• Approximate roll weight <sup>3</sup>		lbs	95

#### Notes:

1. Values based on use of geogrids in sand, silt or clay backfill
2. Rolls with 12 ft widths are also available
3. Roll weights represent average values including shipping cores. Actual roll weights may vary
4. Structural designs using these products should be carried out by a licensed design engineer
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