



### 1. Definition

Our warpknitted geogrids are manufactured of high tenacity polyester yarns ,woven into a stable interlocking grid and then coated with PVC or other polymer to provide damage protection during installation . They are developed for soil and aggregate reinforcement.

### 2. Specifications

Properties		Test Method	Unit	WKG50-1C
Biaxial Geogrid	Material	-	-	High tenacity PET yarns
	Coating	-	-	Polymer
	Tensile strength @ 2% strain (MD/TD)	ASTM D 6637	kN/m	9
	Tensile strength @ 5% strain (MD/TD)	ASTM D 6637	kN/m	21
	Ultimate tensile strength (MD/TD)	ASTM D 6637	kN/m	50
	Elongation	ASTM D 6637	%	≤12
	Aperture size	-	mm	25x25
	Roll width	-	m	5.2
Roll length	-	m	200	
Roll area	-	m <sup>2</sup>	1,040	

The information contained herein is , to the best of our knowledge , accurate in all material respects