Head Office
374200 71st St. W.
Comp.36, Site 207 RR#2
Saskatoon SK, S7K 3J5
1-866-931-8014
Fort McMurray, AB – 780-381-7108
La Ronge, SK 306-425-3204

Composite Geogrid **GES-**CG4**4**0

Introduction

G.E. Composite Geogrids are geocomposites especially designed for soil stabilisation and reinforcement applications. The G.E. Composite Geogrids are manufactured by bonding a G.E. Biaxial Geogrid to a nonwoven polyester geotextile.

Specifications

Geogrid Index Properties	Test Method	Units	MD Values	TD Values
■ Polymer	–	–	PP	–
■ Minimum Carbon Black	ASTM D 4218	%	2	–
■ Tensile Strength @ 2% Strain	ASTM D 6637	kN/m (lb/ft)	14 (960)	14 (960)
■ Tensile Strength @ 5% Strain	ASTM D 6637	kN/m (lb/ft)	28 (1,920)	28 (1,920)
■ Ultimate Tensile Strength	ASTM D 6637	kN/m (lb/ft)	40 (2,740)	40 (2,740)
■ Strain @ Ultimate Strength	ASTM D 6637	%	13	13
Geotextile Physical Properties				
■ Polymer	–	–	PET	–
■ Mass per unit area	ASTM D 5261	g/m^2	200	–
■ Ultimate Tensile Strength	ASTM D 4595	kN/m	14	12
■ Tensile Enlongation	ASTM D 4595	%	50	50
■ CBR Puncture Strength	ASTM D 6241	N	2300	–
■ Apparent Opening Size	ASTM D 4751	mm	0.11	–
Dimensions				
■ Roll Width		m (ft)	3.90 (12.8)	–
■ Roll Length		m (ft)	50 (164)	–