

GeoCell is a three-dimensional cellular confinement system designed to confine and reinforce granular material for load support, erosion control, slope protection, and retaining wall applications.

This sheet uses the recently ripped Geo Products EGA 30 source specifications as the technical authority.

PRODUCT DIMENSIONS	UNIT	VALUE
Product Code		EGA 30
Cell Size - width x length	in (mm)	12.6 x 11.3 (320 x 287)
Cell Area	in ² (cm ²)	71.3 (460)
Section width x length - nominal	ft (m)	8.4 x 27.4 (2.56 x 8.35)
Section width x length - minimum expansion	ft (m)	9.2 x 24.8 (2.8 x 7.6)
Section width x length - maximum expansion	ft (m)	7.6 x 30.0 (2.3 x 9.1)
Section Area	ft ² (m ²)	230 (21.4)
MATERIAL PROPERTIES	UNIT	VALUE
Polymer Density ASTM D 1505	g/cm ³	0.935 - 0.965
Flexural Storage Modulus ISO 6721	MPA	>800
Carbon Black Content ASTM D 1603	%	1.5 - 2.0
Texture Density (Shape: Rhomboidal) -	indentations / cm ²	22 - 31
Sheet Thickness ASTM D 5199	mil (mm)	50 (1.27) -5%, +10%