



SSP GEOCELL CONFINEMENT SYSTEM MATERIAL SPECIFICATION

SSP GEOCELL Standard Section Properties – GC30V6 Wall Cell

NOTE: All measurements are subject to manufacturing tolerances unless otherwise stated.

GC30V SSP Geocell Wall Section

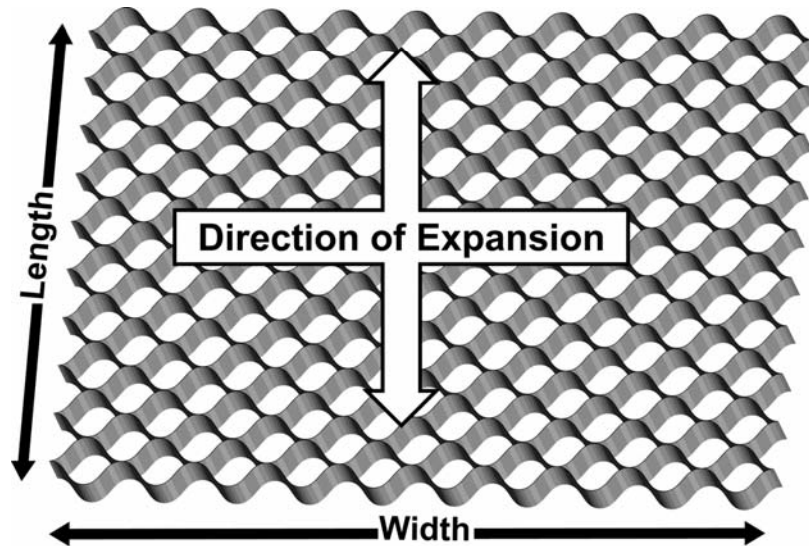


Figure 1 GC30V SSP Geocell Wall Section

Table 1 Available GC30V SSP GEOCELL Section Dimensions - 8 Cells Wide

GC30V section length and width shall be as indicated in Table 1. Sections shall have a nomenclature of “GC30VDWWLL” where “GC30V” indicates the cell size, “D” indicates the cell depth in inches, “WW” indicates the number of cells wide, and “LL” indicates the number of cells long. Sections shall have expanded dimensions per Table 1. An example of the GC30V SSP Geocell wall section nomenclature is GC30V60803 where the section cell depth is 6 in or 150 mm and the section is 8 cells wide and 3 cells in length.

Cells	Section Code	Expanded Edge Length	Width Same for All Sections
3	GC30V60803	2.63 ft	8.67 ft
4	GC30V60804	3.50 ft	
5	GC30V60805	4.38 ft	
6	GC30V60806	5.25 ft	
7	GC30V60807	6.13 ft	



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Physical Properties	Unit	Typical Value			
Nominal-Expanded Cell Size (width x length)	mm (in)	320 (12.6) x 287 (11.3)			
Nominal-Expanded Cell Area	cm ² (in ²)	460 (71.3)			
Nominal-Expanded Section (width x length)	m (ft)	2.56 (8.4) x 8.35 (27.4)			
Nominal-Expanded Section Area (width x length)	M ² (ft ²)	21.4 (230)			
Cell Depth	mm (in)	75 (3.0)	100 (4.0)	150 (6.0)	200 (8.0)
Seam Peel Strength ¹	N (lbs)	1065 (240)	1420 (320)	2130 (480)	2840 (640)
Section Weight	Kg(lbs)	19.5(43)	25.9(57)	39(86)	51.7(114)
Sections per Pallet	--	60	50	30	25
Seam Hang Strength	--	A 102mm (4.0in) weld joint supporting a load of 72.5 kg (160 lbs) for 30 days minimum or a 102mm (4.0in) weld joint supporting a load of 72.5 kg (160 lbs) for 7 days minimum while undergoing temperature change from 23°C (74°F) to 54°C (130°F) on a 1 hour cycle.			

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