

## GEOCELL GS™

### Product Data Sheet

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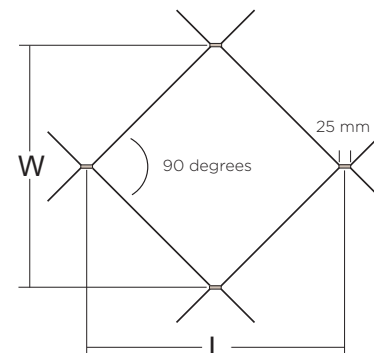
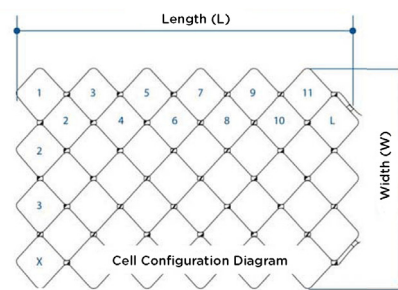
Product Grade			220/200	250/100	250/150	350/100	350/150
Part No			051380	051397	051403	051311	051410
Physical Properties (Nominal)							
Cell Diameter		in	9	10	10	14	14
Cell Depth	(1)	in	8	4	6	4	6
Panel Length	(1)	ft	20	17	17	17	17
Panel Width	(1)	ft	10	24	24	24	24
No of cells in length (L)	(2)	No	44	34	34	24	24
No of cells in width (W)	(2)	No	14	29	29	20	20
Cell length		in	11	12	12	16	16
Cell width		in	9	10	10	15	15
Color	(1)		Dark Grey	Dark Grey	Dark Grey	Dark Grey	Dark Grey
Panel weight		lbs	44	38	55	24	38
Mechanical/Hydraulic Properties (6)							
Cell wall tensile strength	(3)	kN/m	20.7	20.7	20.7	20.7	20.7
Cell junction peel strength	(4)	kN/m	10.0	10.0	10.0	10.0	10.0
Cell wall permeability	(5)	l/m <sup>2</sup> .sec	45	45	45	45	45

#### Notes:

- (1) Other sizes and colors are available to order
- (2) See the diagram for an explanation of cell numbering and orientation
- (3) Results derived from Wide Width Tensile Test (EN ISO 10319)
- (4) Internal Test Method
- (5) Results derived from a single cell wall Permeability Test (EN ISO 11058)
- (6) Results quoted are family mean values derived from testing over periods of time

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### **Durability**

This product is predicted to be durable for more than 25 years in soils with a pH in the range 2 to 14 and with a temperature of less than 250C.

### **Chemical resistance**

Polypropylene and polyethylene are unaffected by the chemicals which normally exist in soils.

### **Biological resistance**

Polypropylene and polyethylene are not nutrients for micro-organisms and do not provide nourishment for animals & insects.