

GEOCELL GS™

Product Data Sheet

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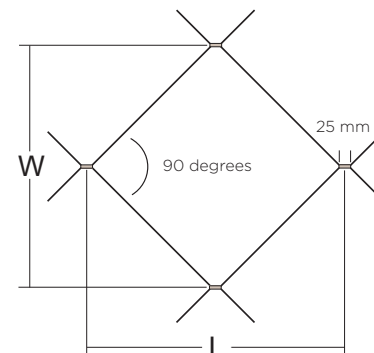
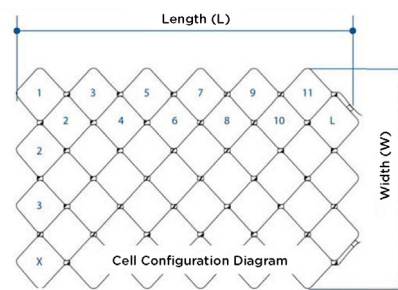
Product Grade			220/200	250/100	250/150	350/100	350/150
Part No			051380	051397	051403	051311	051410
Physical Properties (Nominal)							
Cell Diameter		in	9	10	10	14	14
Cell Depth	(1)	in	8	4	6	4	6
Panel Length	(1)	ft	20	17	17	17	17
Panel Width	(1)	ft	10	24	24	24	24
No of cells in length (L)	(2)	No	44	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 ² .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

As part of its continual improvement process, Fiberweb, Inc. reserves the right to change the properties listed on this data sheet without prior notice.

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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.