

GEOWEB® CELL SIZES

THE CELL		NON-STANDARD 200 (8)	NOMINAL CELL AREA cm ² (in ²)	DIMENSIONS AT RECOMMENDED MINIMUM		CELL EXPANSION RANGE MAXIMUM	
CELL DEPTHS mm (in)	CELL LENGTH			LENGTH cm (in)	WIDTH cm (in)	LENGTH cm (in)	WIDTH cm (in)
75 (3)	100 (4)	150 (6)	289 (44.8)	204 (8.02)	234 (9.2)	245 (9.65)	281 (11.07)
			460 (71.3)	260 (10.25)	289 (11.39)	315 (12.39)	360 (13.77)
			1206 (187.0)	430 (16.92)	457 (18.01)	522 (20.66)	556 (21.88)

NOTE: ALL DIMENSIONS ARE NOMINAL AND ARE SUBJECT TO MANUFACTURING TOLERANCES

GEOWEB® PRODUCT CODE FORMAT

GWTV0VWLL + (MODIFICATIONS)

TV is the CELL TYPE and V (for variable) DESIGNATES THE V SERIES
 D is the CELL DEPTH in inches and either 3, 4, 6 or 8
 WHERE: WW is the FULL SECTION WIDTH in cells and is either 10 for GW20V, 08 for the GW30V, or 05 for the GW40V.
 LL is the SECTION LENGTH in cells. Section lengths available are 18, 21, 25, 29, 34 and 40 cells long. Other lengths are not available except for wall sections. Wall section lengths in the GW30V08LL are 3 - 7, inclusively.

GEOWEB® MODIFICATIONS (APPEAR AFTER THE GWTV0VWLL DESCRIPTION)

P PERFORATED STRIP
 S1 ONE SAND COLOR FACE WITH THE REMAINDER BLACK
 G1 ONE GREEN COLOR FACE WITH THE REMAINDER BLACK
 T TENDON HOLES

EXAMPLES
 GW20V61029PT 6" DEPTH, 10 CELL WIDE BY 29 CELL LONG PERFORATED GW20 SECTION WITH TENDONS
 GW30V60804PS1 6" DEPTH, 10 CELL WIDE BY 4 CELL LONG PERFORATED GW20 SECTION WITH A SINGLE (1) SAND COLOR FACE STRIP

NOTES FOR STANDARD CONNECTIONS BETWEEN GEOWEB® SECTIONS:

- ADJACENT GEOWEB SECTIONS ARE STAPLED TOGETHER USING MANUFACTURER APPROVED STAPLERS AND STAPLES
- THE TOP EDGES OF ADJACENT CELL WALLS SHOULD BE HELD FLUSH WHEN STAPLING.
- SIDE CONNECTIONS BETWEEN EXPANDED GEOWEB SECTIONS SHOULD BE INTERLEAVED AS SHOWN IN FIGURE A. WELDED EDGE SEAMS SHOULD BE ALIGNED WHEN STAPLING.
- END CONNECTIONS BETWEEN GEOWEB SECTIONS SHOULD BE BUTTED AS SHOWN IN FIGURE B. THE LONGITUDINAL CENTER-LINES OF ABUTTING EXTERNAL CELLS SHOULD BE ALIGNED AND STAPLED AT THE CELL WALL CONTACT POINT.

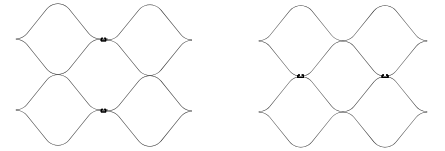


FIGURE A
SIDE CONNECTION DETAIL - INTERLEAVED

FIGURE B
END CONNECTION DETAIL - ABUTTED

STAPLED END CONNECTION DETAILS

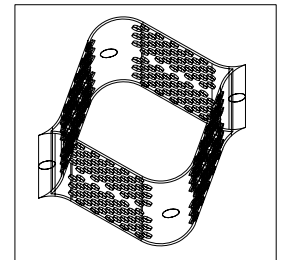
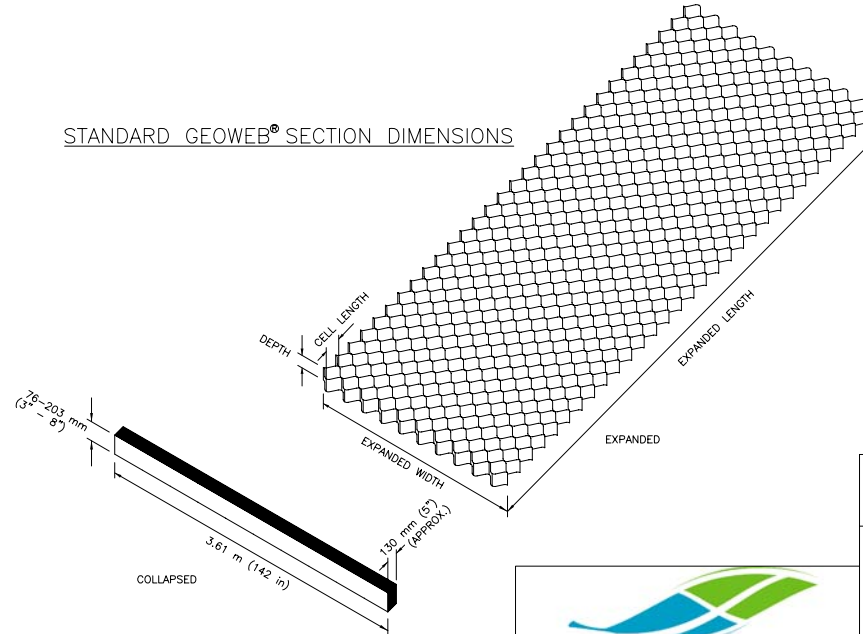
GEOWEB® SECTION SIZES

THE SECTION						
GW20V - 10 CELLS WIDE (FOR SLOPE & CHANNEL PROTECTION, AND LOAD SUPPORT)						
CELLS LONG	MINIMUM EXPANSION LENGTH		MAXIMUM EXPANSION LENGTH		NOMINAL AREA	
	ft	m	ft	m	ft ²	m ²
18	12.0	3.7	9.2	2.8	14.5	10.4
21	14.0	4.3	16.9	5.1	131	12.1
25	16.7	5.1	20.1	6.1	156	14.5
29	19.4	5.9	23.3	7.1	181	16.8
34	22.7	6.9	27.3	8.3	212	19.7

GW30V - 8 CELLS WIDE (FOR SLOPE & CHANNEL PROTECTION, AND LOAD SUPPORT)						
CELLS LONG	MINIMUM EXPANSION LENGTH		MAXIMUM EXPANSION LENGTH		NOMINAL AREA	
	ft	m	ft	m	ft ²	m ²
18	15.4	4.7	9.2	2.8	18.6	13.3
21	18.0	5.5	21.7	6.6	167	15.5
25	21.4	6.5	25.8	7.9	198	18.4
29	24.8	7.6	30.0	9.1	230	21.4
34	29.1	8.9	35.1	10.7	270	25.0

GW40V - 5 CELLS WIDE (FOR SLOPE & CHANNEL PROTECTION)						
CELLS LONG	MINIMUM EXPANSION LENGTH		MAXIMUM EXPANSION LENGTH		NOMINAL AREA	
	ft	m	ft	m	ft ²	m ²
18	25.4	7.7	9.1	2.8	30.8	21.7
21	29.6	9.0	36.0	11.0	273	25.3
25	35.2	10.7	42.8	13.1	325	30.2
29	40.9	12.5	49.7	15.1	377	35.0
34	47.9	14.6	58.2	17.8	441	41.0

STANDARD GEOWEB® SECTION DIMENSIONS



ISOMETRIC VIEW PERFORATED CELL



PRESTO GEOSYSTEMS®

GEOWEB® CELL AND GEOWEB® SECTION DETAILS

GEOSYSTEMS®, GEOWEB®, AND ATRA® ARE REGISTERED TRADEMARKS OF PRESTO PRODUCTS COMPANY.

DATE	APRIL, 2008	FILE NAME	GWGN1F.DWG
SCALE	NTS	SHEET	1