

STRUCTURAL PLATE STEEL PIPE ARCHES  
5"x2" Corrugation  
18" Corner Radius

Span	Rise	Area	Minimum Cover	Minimum Gage	Maximum fill Height (ft.) for Corner Pressure	
					4000 lb/ft <sup>2</sup>	6000 lb/ft <sup>2</sup>
6'-1"	4'-7"	22	2'	12	16	24
6'-4"	4'-7"	24	2'	12	15	23
6'-9"	4'-11"	26	2'	12	14	21
7'-0"	5'-1"	28	2'	12	14	21
7'-3"	5'-3"	31	2'	12	13	20
7'-8"	5'-5"	33	2'	12	12	19
7'-11"	5'-7"	35	2'	12	12	18
8'-2"	5'-9"	38	2'	12	12	18
8'-7"	5'-11"	40	2'	12	11	17
8'-10"	6'-1"	43	2'	12	11	16
9'-4"	6'-3"	46	2'	12	10	16
9'-6"	6'-5"	49	2'	12	10	15
9'-9"	6'-7"	52	2'	10	10	15
10'-3"	6'-9"	55	3'	10	9	14
10'-8"	6'-11"	58	3'	10	9	13
10'-11"	7'-1"	61	3'	10	9	13
11'-5"	7'-3"	64	3'	10	8	13
11'-7"	7'-5"	67	3'	10	8	12
11'-10"	7'-7"	71	3'	10	8	12
12'-4"	7'-9"	74	3'	8	8	12
12'-6"	7'-11"	78	3'	8	8	12
12'-8"	8'-1"	81	3'	3	7	11
12'-10"	8'-4"	85	3'	3	7	11
13'-5"	8'-5"	89	3'	3	7	11
13'-11"	8'-7"	93	3'	3	7	10
14'-1"	8'-9"	97	4'	3	7	10
14'-3"	8'-11"	101	4'	3	6	10
14'-10"	9'-1"	105	4'	3	6	10
15'-4"	9'-3"	109	4'	3	6	9
15'-6"	9'-5"	113	4'	3	6	9
15'-8"	9'-7"	118	4'	3	6	9
15'-10"	9'-10"	122	4'	3	6	9
15'-5"	9'-11"	126	4'	3	6	9
16'-7"	10'-1"	131	4'	3	6	9