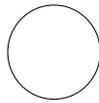


CORLIX® Corrugated Aluminum Pipe

Heights of Cover

2 2/3" X 1/2" Height of Cover Limits for Corrugated Aluminum Pipe



HL 93 Live Load

Diameter (Inches)	Minimum Cover (Inches)	Maximum Cover (Feet)					
		Specified Thickness (Inches) and Gage					
		(0.048) 18	(0.060) 16	(0.075) 14	(0.105) 12	(0.135) 10	(0.164) 8
6 ⁽⁴⁾	12	197	247				
8 ⁽⁴⁾	12	147	185				
10 ⁽⁴⁾	12	119	148				
12	12		125	157			
15	12		100	125			
18	12		83	104			
21	12		71	89			
24	12		62	78	109		
27	12			69	97		
30	12			62	87		
36	12			51	73	94	
42	12				62	80	
48	12				54	70	85
54	15				48	62	76
60	15					52	64
66	18						52
72	18						43

2 2/3" x 1/2" Height of Cover Limits for Corrugated Aluminum Pipe-Arch



HL 93 Live Load

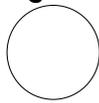
Size		Minimum Gage	Minimum Cover (Inches)	Maximum Cover (Feet)
Round Equivalent (Inches)	Span x Rise (Inches)			2 Tons/Ft. ² for Corner Bearing Pressures
15	17 x 13	16	12	13
18	21 x 15	16	12	12
21	24 x 18	16	12	12
24	28 x 20	14	12	12
30	35 x 24	14	12	12
36	42 x 29	12	12	12
42	49 x 33	12	15	12
48	57 x 38	10	15	12
54	64 x 43	10	18	12
60	71 x 47	8 ⁽⁵⁾	18	12

Notes:

1. Height of cover is measured to top of rigid pavement or to bottom of flexible pavement.
2. Maximum cover meets AASHTO LRFD design criteria.
3. Minimum cover meets AASHTO and ASTM B 790 design criteria.
4. 1 1/2" x 1/4" corrugation.
5. 8 GA pipe has limited availability.
6. For construction loads, see page 15.
7. Consult your Contech Sales Representative for E 80 Live Loads.

Heights of Cover

3" x 1" Height of Cover Limits for Corrugated Aluminum Pipe



HL 93 Live Load

Diameter (Inches)	Minimum Cover (Inches)	Maximum Cover (Feet)				
		Specified Thickness (Inches) and Gage				
		(0.060) 16	(0.075) 14	(0.105) 12	(0.135) 10	(0.164) 8
30	12	57	72	101	135	159
36	12	47	60	84	112	132
42	12	40	51	72	96	113
48	12	35	44	62	84	99
54	15	31	39	55	74	88
60	15	28	35	50	67	79
66	18	25	32	45	61	72
72	18	23	29	41	56	66
78	21		27	38	51	61
84	21			35	48	56
90	24			33	44	52
96	24			31	41	49
102	24				39	46
108	24				37	43
114	24					39
120	24					36

3" x 1" Height of Cover Limits for Corrugated Aluminum Pipe-Arch



HL 93 Live Load

Size		Minimum Gage	Minimum Cover (Inches)	Maximum Cover (Feet)
Round Equivalent (Inches)	Span x Rise (Inches)			2 Tons/Ft. ² for Corner Bearing Pressures
54	60 x 46	14	15	20
60	66 x 51	14	18	20
66	73 x 55	14	21	20
72	81 x 59	12	21	16
78 ⁽⁴⁾	87 x 63	12	24	16
84 ⁽⁴⁾	95 x 67	12	24	16
90 ⁽⁴⁾	103 x 71	10	24	16
96 ⁽⁴⁾	112 x 75	8 ⁽⁵⁾	24	16

Notes:

1. Height of cover is measured to top of rigid pavement or to bottom of flexible pavement.
2. Maximum cover meets AASHTO LRFD design criteria.
3. Minimum cover meets ASTM B 790 design criteria.
4. Limited availability on these sizes.
5. 8 GA pipe has limited availability.
6. For construction loads, see page 15.
7. Consult your Contech Sales Representative for E 80 Live Loads.