

Standard Sizes, End Areas & Handling Weights for CSP

Handling Weight & Availability
ZINC-COATED CSP
ALUMINIZED - COATED CSP
Pounds per lineal foot

Handling Weight & Availability
POLYMER COATED
Pounds per lineal foot

A. CORRUGATION PROFILE 1 1/2" X 1/4" (HELICAL CSP ONLY)

Pipe Diam. Inches	End Area Sq. Ft.	Equivalent Pipe-Arch		Thickness (Inches)		Thickness (Inches)	
				18 GA	16 GA	18 GA	16 GA
		Span & Rise Inches	End Area Sq. Ft.	0.052	0.064	0.052	0.064
6	.2	—	—	3.9	4.8	4.9	5.9
8	.4	—	—	5.2	6.3	6.5	7.6
10	.5	—	—	6.5	7.7	8.1	9.3
12	.8	—	—	7.6	9.4	9.6	11.4
15	1.2	—	—	9.5	11.7	11.9	14.1
18	1.8	—	—	11.4	14.0	14.3	16.9

B. CORRUGATION PROFILE 2 2/3" X 1/2" (HELICAL & RIVETED CSP)

Pipe Diam. Inches	End Area Sq. Ft.	Equivalent Pipe-Arch		Thickness (Inches)						Thickness (Inches)					
				18 GA	16 GA	14 GA	12 GA	10 GA	8 GA	18 GA	16 GA	14 GA	12 GA	10 GA	8 GA
		Span & Rise Inches	End Area Sq. Ft.	.052	.064	.079	.109	.138	.168	.052	.064	.079	.109	.138	.168
12	0.8	—	—	9	11	13	—	—	—	11	13	15	—	—	—
15	1.2	17 x 13	1.1	11	13	16	—	—	—	14	16	19	—	—	—
18	1.8	21 x 15	1.6	12	15	19	26	—	—	16	19	23	30	—	—
21	2.4	24 x 18	2.2	15	18	22	31	—	—	18	21	25	34	—	—
24	3.1	28 x 20	2.9	16	20	25	34	—	—	20	24	29	38	—	—
30	4.9	35 x 24	4.5	20	24	30	41	—	—	26	30	36	47	—	—
36	7.1	42 x 29	6.5	24	29	36	49	62	—	31	36	43	56	69	—
42	9.6	49 x 33	8.9	28	34	42	57	72	—	36	42	50	65	80	—
48	12.6	57 x 38	11.6	31	38	48	65	82	100	41	48	58	75	92	110
54	15.9	64 x 43	14.7	—	—	54	73	92	112	—	—	65	84	103	123
60	19.6	71 x 47	18.1	—	—	60	81	103	124	—	—	71	92	114	135
66	23.8	77 x 52	21.9	—	—	65	89	113	137	—	—	77	101	125	149
72	28.3	83 x 57	26.0	—	—	—	98	123	149	—	—	—	112	137	163
78	33.2	—	—	—	—	—	105	133	161	—	—	—	121	145	177
84	38.5	—	—	—	—	—	—	144	173	—	—	—	—	161	190
90	44.2	—	—	—	—	—	—	154	186	—	—	—	—	172	204
96	50.3	—	—	—	—	—	—	—	198	—	—	—	—	—	217

C. CORRUGATION PROFILE 3" X 1" OR 5" X 1" (HELICAL & RIVETED CSP)

Pipe Diam. Inches	End Area Sq. Ft.	Equivalent Pipe-Arch		Thickness (Inches)					Thickness (Inches)						
				16 GA	14 GA	12 GA	10 GA	8 GA	16 GA	14 GA	12 GA	10 GA	8 GA		
		Span & Rise Inches	End Area Sq. Ft.	.064	.079	.109	.138	.168	.064	.079	.109	.138	.168		
54	15.9	60 x 46	15.6	50	61	83	106	129	—	66	77	100	123	146	
60	19.6	66 x 51	19.3	55	67	92	118	143	—	73	86	110	136	161	
66	23.8	73 x 55	23.2	60	74	101	129	157	—	80	94	121	149	177	
72	28.3	81 x 59	29.4	66	81	110	140	171	—	88	102	132	162	193	
78	33.2	87 x 63	32.1	71	87	119	152	185	—	95	111	143	176	209	
84	38.5	95 x 67	37.0	77	94	128	164	199	—	102	119	154	189	224	
90	44.2	103 x 71	42.4	82	100	137	175	213	—	109	127	164	202	240	
96	50.3	112 x 75	48.0	87	107	147	188	228	—	116	136	176	217	257	
102	56.7	117 x 79	54.2	93	114	155	198	241	—	124	145	186	229	272	
108	63.6	128 x 83	60.5	98	120	165	211	256	—	131	153	198	244	289	
114	70.9	137 x 87	67.4	104	127	174	222	271	—	139	162	209	257	306	
120	78.5	142 x 91	74.5	109	134	183	234	284	—	146	171	220	271	321	
126	86.6	—	—	—	—	142	195	247	301	—	—	180	233	285	339
132	95.0	—	—	—	—	148	204	259	315	—	—	188	244	299	355
138	103.9	—	—	—	—	154	213	270	328	—	—	196	255	312	370
144	113.1	—	—	—	—	—	223	282	344	—	—	—	267	326	388

* 5" x 1" weighs approximately 12% less than 3" x 1"