

Appendix 8F-1 Handling Weight for Corrugated Steel Pipe
(2²/₃"x1¹/₂" Corrugations)

Table 1-3 Handling Weight of Corrugated Steel Pipe (2²/₃ x 1¹/₂ in)
Estimated Average Weights – Not for Specification Use*

Inside Diameter In Inches	Specified Thickness In Inches	Approximate Pounds per Lineal Foot **			
		Galvanized	Full-Coated	Full-Coated and Invert Paved	Full-Coated and Full Paved
12	.052	8	10	13	
	.064	10	12	15	
	.079	12	14	17	
15	.052	10	12	15	
	.064	12	15	18	
	.079	15	18	21	
18	.052	12	14	17	
	.064	15	19	22	
	.079	18	22	25	
21	.052	14	16	19	
	.064	17	21	26	
	.079	21	25	30	
24	.052	15	17	20	
	.064	19	24	30	45
	.079	24	29	35	60
30	.052	20	22	25	
	.064	24	30	36	55
	.079	30	36	42	60
36	.052	24	26	29	
	.064	29	36	44	65
	.079	36	43	51	75
42	.052	28	30	33	
	.064	34	42	51	
	.079	42	50	59	85
48	.052	31	33	36	
	.064	38	48	57	
	.079	48	58	67	95
54	.064	44	55	66	95
	.079	54	65	76	105
	.079	60	71	85	
60	.109	81	92	106	140
	.109	89	101	117	160
	.138	113	125	141	180
72	.109	98	112	129	170
	.138	123	137	154	210
	.109	105	121	138	200
78	.138	133	149	166	230
	.109	113	133	155	225
	.138	144	161	179	240
90	.109	121	145	167	
	.138	154	172	192	
	.168	186	204	224	
96	.138	164	191	217	
	.168	198	217	239	

* Lock seam construction only; weights will vary with other fabrication practices.

** For other coatings or linings the weights may be interpolated.

Note: Pipe arch weights will be the same as the equivalent round pipe.

For example; for 42 x 29, 2²/₃ x 1¹/₂ in Pipe Arch, refer to 36 in diameter pipe weight.

Smooth steel lined CSP weights approximately 5% more than single wall galvanized.

Source: