

## Stainless Steel Pipe and Tubing

### "As Welded" Pipe and Tubing



- "As Welded" pipe and tubing is the most economical type of stainless steel piping and is available in the widest variety of diameters and wall thicknesses for maximum design flexibility and cost advantage.
- "As Welded" pipe and tubing is rolled and welded from ASTM A240 material and is normally supplied untested.
- ASTM A 778 is considered to be the most applicable ASTM specification for "as welded" pipe and tubing. ASTM 358 HT- O and ASTM A 409 HT-O also apply to "as welded" pipe but require more extensive testing.
- Alloys stocked include Types 304, 304L, 316, 316L and 317L. However, "as welded" pipe and tubing can normally be produced in any weldable corrosion resistant alloy.
- Available in 20 foot exact lengths.
- Non-standard diameters and cut lengths are available. ID size tubing is available.

Nominal Pipe Size	Wall Thickness: Outside Diameter	Weight per Foot											
		16 .060	14 .075	12 .105	11 .120	10 .134	Listed in Inches with Corresponding Manufacturer's Standard Gauge						
		.165	.187	.218	.250	.312	.375	.500					
2	2	1.3	1.6	2.2	2.5	2.7							
2	2 3/8	1.5	1.9	2.6	3.0	3.3		5.1					
	2 1/2	1.6	2.0	2.7	3.1	3.5							
2 1/2	2 7/8	1.8	2.3	3.2	3.6	4.0							
	3	1.9	2.4	3.3	3.8	4.2							
3	3 1/2	2.3	2.8	3.9	4.4	4.9	6.0	6.8	7.8	8.9			
	4	2.6	3.2	4.5	5.1	5.7	6.9	7.8	9.0	10.2			
4	4 1/2	2.9	3.6	5.0	5.7	6.4	7.8	8.8	10.2	11.6			
	5	3.2	4.0	5.6	6.4	7.1	8.7	9.8	11.4	13.0			
5	5 9/16	3.6	4.5	6.3	7.1	8.0	9.7	11.0	12.7	14.5			
	6	3.9	4.9	6.8	7.7	8.6	10.5	11.9	13.8	15.7			
6	6 5/8	4.3	5.4	7.5	8.5	9.5	11.7	13.2	15.3	17.4	21.5	25.6	
	8	5.2	6.5	9.1	10.3	11.5	14.1	16.0	18.5	21.2	26.2	31.3	41.0
8	8 5/8	5.6	7.0	9.8	11.2	12.4	15.3	17.3	20.0	22.9	28.4	33.8	44.4
	10	6.5	8.1	11.4	13.0	14.5	17.7	20.1	23.3	26.6	33.0	39.5	51.9
10	10 3/4	7.0	8.8	12.2	13.9	15.6	19.1	21.6	25.1	28.7	35.6	42.5	56.0
	12	7.8	9.8	13.7	15.6	17.4	21.3	24.2	28.1	32.1	39.9	47.7	62.9
12	12 3/4	8.3	10.4	14.5	16.6	18.5	22.7	25.7	29.9	34.2	42.4	50.7	67.0
	14		11.4	16.0	18.2	20.3	25.0	28.2	32.8	37.6	46.7	55.9	73.8
	16		13.1	18.2	20.8	23.2	28.6	32.3	37.6	43.0	53.5	64.1	84.7
	18		14.7	20.5	23.5	26.2	32.2	36.4	42.4	48.5	60.3	72.3	95.7
	20		16.3	22.8	26.1	29.1	35.8	40.5	47.1	54.0	67.2	80.5	107
	22		18.0	25.1	28.7	32.0	39.4	44.6	51.9	59.4	74.0	88.7	118
	24		19.6	27.4	31.3	35.0	43.0	48.7	56.7	64.9	80.8	96.9	128
	26		21.3	29.7	34.0	37.9	46.6	52.8	61.4	70.4	87.6	105	139
	28			32.0	36.6	40.8	50.2	56.9	66.2	75.8	94.4	113	150
	30				39.2	43.8	53.8	61.0	71.0	81.3	101	121	161
	32				41.8	46.7	57.4	65.0	75.7	86.8	108	130	172
	34				44.4	49.6	61.0	69.1	80.5	92.2	115	138	183
	36				47.1	52.5	64.6	73.2	85.3	97.7	122	146	194
	38				49.7	55.5	68.3	77.3	90.0	103	129	154	205
	40				52.3	58.4	71.9	81.4	94.8	109	135	162	216
	42				54.9	61.3	75.5	85.5	100	114	142	171	227
	44				57.6	64.3	79.1	89.6	104	120	149	179	238
	46				60.2	67.2	82.7	93.7	109	125	156	187	249
	48				62.8	70.1	86.3	97.7	114	131	163	195	260

All weights are in pounds per foot, based on a metal density of .29 lb/in<sup>3</sup>. Dimensions are in inches.  
Alloys: pg. 56 Tolerances: pg. 58 Specifications: pg. 53, 54