



Phoenix Tube Company, Inc.®

A Leading Manufacturer of Ornamental and Structural Tube and Processed Flat Bar
Sizes, Weights & Finishes - Round Stainless Steel Tube

Sizes: 1/2" to 10"

Wall Thickness: 0.049" to 0.375"

Size and Estimated Weight [Lbs per Ft]

Size[in.]	Gauge, Thickness [in.]								
	18	16	14	12	11	7	1/4	5/16	3/8
1/2	0.049	0.0625	0.083	0.109	0.120	0.180	0.250	0.313	0.375
5/8	0.238	0.295							
3/4	0.304	0.379	0.485	0.606	0.653				
7/8	0.370	0.463	0.597	0.753	0.815				
1	0.436	0.547	0.709	0.900	0.977	1.349			
1.050	0.502	0.632	0.820	1.047	1.138				
1 1/8	0.529	0.665	0.865	1.106	1.203	1.688			
1 1/4		0.716	0.932	1.194	1.300				
1 1/4	0.634	0.800	1.044	1.341	1.462	2.076			
1 5/16	0.667	0.842	1.100	1.414	1.543				
1 3/8		0.884	1.156	1.488	1.623				
1 1/2	0.766	0.969	1.268	1.634	1.785				
1 5/8	0.832	1.053	1.380	1.781	1.947	2.804			
1.660		1.076	1.411	1.822	1.992				
1 3/4	0.899	1.137	1.492	1.928	2.109	3.046	4.043		
1 7/8			1.603	2.075	2.270	3.289	4.379		
1.900	0.978	1.238	1.626	2.104	2.303	3.337			
2	1.031	1.305	1.715	2.222	2.432		4.716		
2 1/4	1.163	1.474	1.939	2.516	2.755		5.390		
2 3/8		1.558	2.051	2.663	2.917				
2 1/2	1.295	1.642	2.163	2.809	3.079	4.502	6.064		
2 7/8		1.895	2.498	3.250	3.564	5.229			
3	1.559	1.979	2.610	3.397	3.726	5.472	7.411		
3 1/8			2.722	3.544	3.887	5.714	7.748		
3 1/2			3.057	3.984	4.372	6.442	8.759	10.753	12.633
3 3/4					4.696	6.927	9.433		
4					5.019	7.412	10.106	12.440	14.654
4 3/8					5.504	8.140	11.117	13.706	16.170
4 1/2					5.666	8.383	11.454	14.128	16.675
5					6.313	9.353	12.801	15.815	18.697
6 1/4					7.930	11.778	16.170	20.032	23.750
7 1/2					9.547	14.204	19.539	24.250	28.803
8 7/8					11.325	16.872	23.244	28.889	34.361
10					12.781	19.055	26.276	32.685	38.909

Finishes

120, 240, 320 Grit

Tolerances per ASTM A554

Outside Diameter [in.]	Wall Thickness Range	OD Tolerance [in.]	Wall Tolerance
1/2 to 1, incl	0.049 to 0.062	+/- 0.005	+/- 10%
1/2 to 1, incl	Over 0.062	+/- 0.010	+/- 10%
Over 1 to 1 1/2, incl	0.049 to 0.062	+/- 0.008	+/- 10%
Over 1 to 1 1/2, incl	Over 0.062	+/- 0.010	+/- 10%
Over 1 1/2 to 2 1/2, incl	0.049 to 0.109	+/- 0.012	+/- 10%
Over 1 1/2 to 2 1/2, incl	Over 0.109	+/- 0.014	+/- 10%
Over 2 1/2 to 3 1/2, incl	Over 0.049	+/- 0.020	+/- 10%
Over 3 1/2 to 5, incl	Over 0.049	+/- 0.025	+/- 10%
Over 5 to 7 1/2, incl	0.049 to 0.250	+/- 0.025	+/- 10%
Over 5 to 7 1/2, incl	Over 0.250	+/- 0.030	+/- 10%
Over 7 1/2 to 10, incl	All	0.00125 per in of	+/- 10%

ALL MATERIAL PRODUCED TO ASTM SPECIFICATION A554/A554M (LATEST REVISION)

OTHER SIZES AND STAINLESS ALLOYS AVAILABLE UPON REQUEST

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