



Phoenix Tube Company, Inc.®

Sizes, Weights - Stainless Steel Flat Bar						
Width 1/2" to 8"						
Thickness 1/8" - 1/2"						
Size and Estimated Weight [Lbs per Ft]						
Width ["]	Gauge Thickness ["]					
	1/8	3/16	1/4	5/16	3/8	1/2
1/2	0.21	0.32	0.43			
3/4	0.32	0.48	0.64	0.80	0.97	1.29
1	0.43	0.64	0.86	1.07	1.29	1.72
1 1/4	0.54	0.80	1.07	1.34	1.61	2.15
1 1/2	0.64	0.97	1.29	1.61	1.93	2.57
1 3/4	0.75	1.13	1.50	1.88	2.25	3.00
2	0.86	1.29	1.72	2.15	2.57	3.43
2 1/2	1.07	1.61	2.15	2.68	3.22	4.29
3	1.29	1.93	2.57	3.22	3.86	5.15
3 1/2	1.50	2.25	3.00	3.75	4.50	6.01
4	1.72	2.57	3.43	4.29	5.15	6.86
5	2.15	3.22	4.29	5.36	6.44	8.58
6	2.57	3.86	5.15	6.44	7.72	10.30
7	3.00	4.50	6.01	7.51	9.01	12.01
8	3.43	5.15	6.86	8.58	10.30	13.73
Size and Estimated Weight [Lbs per 12' Bar]						
Width ["]	Gauge Thickness ["]					
	1/8	3/16	1/4	5/16	3/8	1/2
1/2	2.57	3.86	5.15			
3/4	3.86	5.79	7.72	9.65	11.58	15.44
1	5.15	7.72	10.29	12.87	15.44	20.59
1 1/4	6.43	9.65	12.87	16.08	19.30	25.73
1 1/2	7.72	11.58	15.44	19.30	23.16	30.88
1 3/4	9.01	13.51	18.01	22.51	27.02	36.02
2	10.29	15.44	20.59	25.73	30.88	41.17
2 1/2	12.87	19.30	25.73	32.16	38.60	51.46
3	15.44	23.16	30.88	38.60	46.32	61.76
3 1/2	18.01	27.02	36.02	45.03	54.04	72.05
4	20.59	30.88	41.17	51.46	61.76	82.34
5	25.73	38.60	51.46	64.33	77.19	102.93
6	30.88	46.32	61.76	77.19	92.63	123.51
7	36.02	54.04	72.05	90.06	108.07	144.10
8	41.17	61.76	82.34	102.93	123.51	164.68
Tolerances per ASTM A480/484						
Gauge	Width ["]		Thickness ["]			
1/8	+0.015/-0.015		+0.010/-0.010			
3/16	+0.015/-0.015		+0.020/-0.010			
1/4	+0.030/-0.030		+0.020/-0.010			
5/16	+0.094/-0.030		+0.050/-0.010			
3/8	+0.100/-0.030		+0.050/-0.010			
1/2	+0.100/-0.030		+0.060/-0.010			
All material produced to ASTM A240 (Alloy Chemistry) and ASTM A480/A484 (Tolerances)						
Other Sizes and Stainless Alloys available upon request						