

# Pipe & Tube Supply - 501.372.6556

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## ROUND CARBON STEEL MECHANICAL TUBING

ASTM-A-519 / A-513 / A-512

Wall Thickness	Theoretical I.D.	Weight Per Ft.
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10.750" \* O.D. (Continued)

1.000	*140	104.1
1.125	*160	115.7
1.250	*	126.8
1.500	*	148.2

11" OUTSIDE DIAMETER

.375	10.250	42.55
.500	10.000	56.07
.750	9.500	82.10
1.000	9.000	106.8
1.500	8.000	152.2

11-1/4" OUTSIDE DIAMETER

.375	10.500	43.55
.500	10.250	57.41
.750	9.750	84.11
.875	9.500	96.95

11-1/2" OUTSIDE DIAMETER

.250	11.000	30.04
.500	10.500	58.74
.750	10.000	86.11
.875	9.750	99.29
1.000	9.500	112.1

11.750" \* OUTSIDE DIAMETER

.375	*Std.	45.55
.500	*XHY	60.07
.750	*	88.11
1.000	*	114.8
1.250	*	140.2
1.500	*	164.2

12" OUTSIDE DIAMETER

.250	11.500	31.37
.375	11.250	46.56
.500	11.000	61.41
.750	10.500	90.11
1.000	10.000	117.5
1.500	9.000	168.2
2.000	8.000	213.6

12-1/4" OUTSIDE DIAMETER

1.000	10.250	120.2
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12-1/2" OUTSIDE DIAMETER

1.500	9.500	176.2
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12.750" \* OUTSIDE DIAMETER

.250	*20	33.38
.330	*30	43.77
.375	*Std.	49.56
.406	*40	53.53
.500	*XHY	65.42
.562	*60	73.16
.687	*80	88.51
.843	*100	107.2
1.000	*120	125.5
1.125	*140	139.7
1.250	*	153.6
1.312	*160	160.3

1.500	*	180.2
2.000	*	229.6

Some Sizes Available in Honed I.D.  
I.P.S. Schedule ASTM-A-53 / A-106

**SEAMLESS & WELDED LOW CARBON STEEL HYDRAULIC TUBING**  
Cold Drawn...Dead Soft Annealed...SAE-J524 / SAE-J525...JIC Standards

Wall Thickness	BWG	Weight Per Ft.
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1/8" OUTSIDE DIAMETER		
.032	21	.032
.035	20	.034

3/16" OUTSIDE DIAMETER		
.035	20	.057

1/4" OUTSIDE DIAMETER		
.028	22	.066
.035	20	.080
.049	18	.105
.058	17	.119
.065	16	.128

5/16" OUTSIDE DIAMETER		
.035	20	.104
.049	18	.138

3/8" OUTSIDE DIAMETER		
.028	22	.104
.035	20	.127
.049	18	.171
.058	17	.196
.065	16	.215
.083	14	.259

1/2" OUTSIDE DIAMETER		
.035	20	.174
.049	18	.236
.065	16	.302
.072	15	.329
.083	14	.370
.095	13	.411

5/8" OUTSIDE DIAMETER		
.035	20	.221
.049	18	.301
.065	16	.389
.083	14	.481
.095	13	.538

3/4" OUTSIDE DIAMETER		
.035	20	.267
.049	18	.367
.065	16	.476
.083	14	.591
.095	13	.665
.109	12	.746

7/8" OUTSIDE DIAMETER		
.035	20	.314
.049	18	.432
.065	16	.562
.083	14	.702
.095	13	.791

1" OUTSIDE DIAMETER		
.049	18	.498
.065	16	.649
.083	14	.813
.095	13	.918
.109	12	1.04
.120	11	1.13

1-1/4" OUTSIDE DIAMETER  
 .049 18 .629  
 .065 16 .623  
 .095 13 1.17  
 .120 11 1.45

1-1/2" OUTSIDE DIAMETER  
 .065 16 .996  
 .095 13 1.43  
 .109 12 1.62  
 .120 11 1.77

2" OUTSIDE DIAMETER  
 .109 12 2.20

**SEAMLESS & WELDED BOILER & CONDENSER TUBES**  
**ASTM-A-179 / SA-179 / A-214 / SA-214 / A-192 / A-178 / SA-178**

Wall BWG	Thickness	Weight Per Ft.
5/8" OUTSIDE DIAMETER		
18	.049 ave.	.3014
16	.065 ave.	.3888
14	.083 ave.	.4805
3/4" OUTSIDE DIAMETER		
16	.065 ave.	.4755
16	.065 min.	.5214
14	.083 ave.	.5913
14	.083 min.	.6646
13	.095 ave.	.6646
12	.109 ave.	.7462
1" OUTSIDE DIAMETER		
16	.065 ave.	.6491
14	.083 min.	.9182
13	.095 ave.	.9182
13	.095 min.	1.037
12	.109 min.	1.168
10	.134 min.	1.347
1-1/4" OUTSIDE DIAMETER		
13	.095 min.	1.328
12	.109 min.	1.448
11	.120 min.	1.597
10	.134 min.	1.742
1-1/2" OUTSIDE DIAMETER		
13	.095 min.	1.619
12	.109 ave.	1.619
11	.120 min.	1.955
1-3/4" OUTSIDE DIAMETER		
13	.095 ave.	1.679
13	.095 min.	1.910
2" OUTSIDE DIAMETER		
13	.095 min.	2.201
12	.109 min.	2.409
11	.120 min.	2.670
10	.134 min.	2.927
9	.148 min.	3.234
8	.165 min.	3.499
6	.203 min.	4.182
2-1/2" OUTSIDE DIAMETER		
12	.105 min.	3.050
11	.120 min.	3.386
3" OUTSIDE DIAMETER		
12	.110 min.	3.691
11	.120 min.	4.102
3-1/4" OUTSIDE DIAMETER		
11	.120 min.	4.559

4" OUTSIDE DIAMETER

9	.148 min.	6.758
6	.203 min.	8.881

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ave = average wall

min = minimum wall

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