

## Drawn Seamless Copper Tubing, Navy Specification Sizes MIL-T-24107B



- UNS Designation Number: UNS C12200
- Nominal Chemicals: Copper 99.9%, Phosphorus .02%
- Average Physical Properties: Tensile 45,000 psi, Yield 35,000 psi, Hardness F75
- Specifications: MIL-T-24107B, Drawn Temper
- Stocked in 20 foot lengths

Nominal Pipe Size	OD	Gauge	Wall Thickness	Lbs/Ft	Lbs/20 Ft	Part Number
	.188	21	.032	.059	1.100	138984
	.250	23	.025	.068	1.220	136974
	.250	21	.032	.092	1.800	138992
	.250	18	.049	.128	2.560	137433
	.250	16	.065	.156	3.120	137441
	.313	20	.035	.118	3.120	139011
	.375	21	.032	.134	2.600	139029
	.375	18	.049	.209	4.180	139582
	.375	16	.065	.262	5.240	139590
1/8	.405	16	.065	.280	5.600	139150
	.438	20	.035	.170	5.240	139605
	.500	21	.032	.195	3.900	283200
	.500	16	.065	.368	7.360	139613
1/4	.540	16	.065	.391	7.800	228705
1/4	.540		.072	.431	8.600	139053
1/4	.540		.109	.612	12.240	139061
1/4	.540		.134	.695	13.900	139079
	.625	16	.065	.443	7.360	139621
3/8	.675	16	.065	.502	10.000	139168
3/8	.675		.095	.704	14.000	139087
3/8	.675		.134	.945	14.360	139095
3/8	.675		.165	1.070	21.400	139100
	.750	16	.065	.542	6.504	139639
	.750	16	.065	.542	8.860	283967
	.750	14	.083	.674	10.840	260294
1/2	.840	16	.065	.637	12.700	139176
1/2	.840	14	.083	.803	16.000	139118
1/2	.840		.120	1.110	22.200	139126
1/2	.840		.165	1.420	28.400	139134
1/2	.840		.220	1.740	34.800	139142
	1.000	18	.049	.567	8.220	139663
	1.000	16	.065	.740	11.340	139671
	1.000	20	.035	.411	13.480	139655
3/4	1.050	16	.065	.811	16.200	139184
3/4	1.050		.095	1.177	16.680	139294
3/4	1.050		.148	1.710	34.200	139304
3/4	1.050		.203	2.236	34.880	139312

Dimensions are in inches. All weights are approximate.  
 Sizes not shown may be available upon request.

## Copper Tubing

### Drawn Seamless Copper Tubing, Navy Specification Sizes MIL-T-24107B (continued)

Nominal Pipe Size	OD	Gauge	Wall Thickness	Lbs/Ft	Lbs/20 Ft	Part Number
$\frac{3}{4}$	1.050		.263	2.696	44.720	139320
	1.250	16	.065	.938	14.800	139697
1	1.315	16	.065	1.020	20.500	139192
1	1.315		.120	1.872	21.160	139338
1	1.315		.180	2.61	52.200	139346
1	1.315		.259	3.490	69.800	139354
1	1.315		.340	4.320	86.460	251261
	1.500	16	.065	1.140	18.760	139710
1 $\frac{1}{4}$	1.660	16	.065	1.310	26.200	139207
1 $\frac{1}{4}$	1.660		.072	1.460	29.200	139362
1 $\frac{1}{4}$	1.660		.084	1.720	34.460	263616
1 $\frac{1}{4}$	1.660		.148	2.910	58.200	139370
1 $\frac{1}{2}$	1.900	16	.065	1.900	39.000	139215
1 $\frac{1}{2}$	1.900		.096	2.210	44.200	139396
	2.000	16	.065	1.530	22.800	139736
2	2.375	16	.065	1.900	38.000	139223
2	2.375	14	.083	2.440	48.800	139427
2	2.375		.120	3.530	70.620	139443
2	2.375		.220	6.060	121.000	139451
	2.500	16	.065	1.930	30.600	138879
2 $\frac{1}{2}$	2.875	16	.065	2.310	46.200	139231
2 $\frac{1}{2}$	2.875		.100	3.510	70.200	139469
2 $\frac{1}{2}$	2.875		.134	4.780	95.660	251279
3	3.500	14	.083	3.691	58.200	139477
3	3.500	16	.065	2.940	58.800	139249
3	3.500		.122	5.298	106.000	402171
3	3.500		.165	7.030	141.000	139485
3 $\frac{1}{2}$	4.000	16	.065	3.360	67.200	139257
3 $\frac{1}{2}$	4.000		.095	4.880	97.600	139493
4	4.500	16	.065	3.790	75.800	139265
4	4.500		.107	6.180	123.000	139516
4	4.500		.157	8.880	177.600	139524
5	5.563		.068	5.330	106.000	139273
5	5.563		.132	9.600	192.000	139532
6	6.625		.081	7.330	146.000	139281
6	6.625		.158	13.600	273.000	139540

Dimensions are in inches. All weights are approximate.  
Sizes not shown may be available upon request.