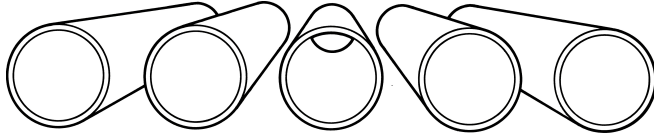


Copper-Nickel Tubing

90-10 Seamless Tubing, Annealed Temper



- UNS Designation Number: 90-10 (UNS C70600).
- Nominal Chemicals: Copper 88.6%, Nickel 10.0%, Iron 1.4%.
- Average Mechanical Properties: Tensile 45,000 psi, Yield 18,000 psi, Elongation 35%.
- Specifications: MIL-T-16420K, Type I, Grade 1, ASTM B 466.
- Stocked in 20 foot standard lengths.
- Widely used in marine applications where resistance to both corrosion and biofouling is important.

Nominal Pipe Size	OD	Class 200 MIL-T-16420			ASTM B 466 Regular Wall		
		Minimum Wall	Lbs/Ft	Part Number	Nominal Wall	Lbs/Ft	Part Number
	.250	.035	.1	134192			
	.375	.035	.17	152483			
	.375	.049	.2	152506			
	.500	.035	.2	152548			
$1/4$	.540	.065	.4	139998	.082	.55	140177
$3/8$	.675	.065	.5	140004	.091	.63	140193
$1/2$	.840	.065	.7	140012	.107	.65	140185
$3/4$	1.050	.065	.9	140020	.114	.97	140216
1	1.315	.065	1	140038	.126	1.3	140208
$1 1/4$	1.660	.072	1.5	140046	.146	1.9	140224
$1 1/2$	1.900	.072	1.8	140054	.150	3.1	140232
2	2.375	.083	2.6	140062	.156	4.2	140240
$2 1/2$	2.875	.083	3	140070	.187	6.6	140258
3	3.500	.095	4	140088	.219	8.6	140389
$3 1/2$	4.000	.095	5	140096			
4	4.500	.109	6.4	140101	.250	12.9	140397
$4 1/2$	5.000	.120	8	140119			
5	5.563	.125	9	140127	.250	16.8	152580
6	6.625	.134	12	513142	.250	21.7	152603
7	7.625	.140	13	152564			
8	8.625	.148-.151	17	140143	.312	31	152629
10	10.75	.187	26.5	140151			
12	12.75	.250	42	140169			

Regular wall per ASTM B 466 is similar to Sch 40 in ANSI B 36.10 and Sch 40s in ANSI B36.19. Dimensions are in inches. All weights are approximate. Specifications: pg. 60. Sizes not shown may be available upon request.