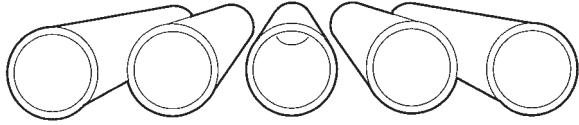


# Copper-Nickel Tubing

## 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 Physical Properties: Tensile 45,000 psi, Yield 18,000 psi, Elongation 35%
- Specifications: MIL-T-16420K, Type I, Grade 1, ASTM B 466, Annealed
- Stocked in 20 foot standard lengths
- Widely used in marine applications where resistance to both corrosion and biofouling is important.

Nominal Pipe Size	Class 200 MIL-T-16420K				Part Number	ASTM B 466 Regular Wall			
	OD	Minimum Wall	Lbs/Ft	Lbs/Ln		Nominal Wall	Lbs/Ft	Lbs/Ln	Part Number
	.250	.035	.101	2.020	134192	.049	.126	2.520	152467
	.375	.035	.165	3.300	152483				
	.375	.049	.200		152506				
	.500	.035	.200		152548				
1/4	.540	.065	.400		139998	.082	.550		140177
1/4	.540					.123	.625	7.500	262351
	.625					.049	.368	6.072	564143
	.625					.049	.368	9.231	230752
	.625					.065	.456	11.436	260155
3/8	.675	.065	.500		140004	.091	.630		140193
1/2	.840	.065	.700		140012	.107	.970	19.400	140185
1/2	.840	.065	.675	13.500	603183				
1/2	.840	.090	.888	17.760	563147				
3/4	1.050	.065	.900		140020	.114	1.300	26.000	140216
1	1.315	.065	1.090	21.800	140038	.126	1.930	38.600	140208
1	1.315	.065	1.090	21.800	603191				
1	1.315	.082	1.321	26.420	596938				
1 1/4	1.660	.072	1.530	30.600	140046	.146	2.692	53.840	140224
1 1/4	1.660	.072	1.530	30.600	603206				
1 1/4	1.660	.082	1.702	34.040	432663				
1 1/2	1.900	.072	1.800		140054	.150	3.110	62.200	140232
1 1/2	1.900	.072	1.760	35.200	603230				
2	2.375	.083	2.600		140062	.156	4.200	84.000	140240
2 1/2	2.875	.083	3.000		140070	.187	6.600	132.000	140258
2 1/2	2.875	.083	3.100	62.000	603248				
2 1/2	2.875	.100	3.649	72.980	512413				
3	3.500	.095	4.000		140088	.219	8.630	172.600	140389
3 1/2	4.000	.095	4.970	99.400	140096				
4	4.500	.109	6.410	128.200	140101	.250	12.938	232.884	140397
4	4.500	.109	6.410	128.200	603264				
4 1/2	5.000	.120	8.000		140119				
5	5.563	.125	9.000		140127	.250	16.830	201.960	152580
6	6.625	.134	12.000		513142	.250	19.400	232.800	152603
7	7.625	.140	13.000		152564				
8	8.625	.151	17.000		717021	.312	31.000	310.000	152629
10	10.750	.187	26.500		140151				
12	12.750	.250	42.000		140169				