



# PIPES



**Material:**

NAVINIC 10<sup>®</sup> CuNi10Fe1Mn alloy 706  
 NAVINIC 30<sup>®</sup> CuNi30Fe1Mn alloy 715

Dimension: MIL-T-16420K Type I Seamless or type II welded Grade 1 or 2 (Inch Units)

OD		CLASS 200		CLASS 700	
Nominal inch	Actual inch	WT inch	Theoretical weight lb/ft	WT inch	Theoretical weight lb/ft
Seamless Type I					
1/8	0.405	...	...	0.058	0.24
1/4	0.540	0.065	0.38	0.065	0.38
3/8	0.675	0.065	0.48	0.072	0.53
1/2	0.840	0.065	0.77	0.072	0.67
3/4	1.050	0.065	0.98	0.083	0.98
1	1.315	0.065	1.60	0.095	1.41
1 1/4	1.660	0.072	2.06	0.095	1.81
1 1/2	1.900	0.072	2.38	0.109	2.38
2	2.375	0.083	3.01	0.120	3.30
2 1/2	2.875	0.083	4.03	0.134	4.47
3	3.500	0.095	4.94	0.165	6.70
3 1/2	4.000	0.095	5.67	0.180	8.37
4	4.500	0.109	6.40	0.203	10.61
5	5.563	0.125	8.85	0.220	14.32
6	6.625	0.134	10.58	0.259	20.08
8	8.625	0.148	15.28	0.340	34.32
10	10.750	0.187	21.26	0.380	47.97
12	12.750	0.250	27.54	0.454	67.97
Seamless Type I or Welded Type II					
14	14.000	0.250	...	...	...
16	16.000	0.250	...	...	...
18	18.000	0.250	...	...	...
20	20.000	0.250	...	...	...

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NAVINIC 10<sup>®</sup> CuNi10Fe1Mn alloy 706  
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Dimension: Seamless ASTM B466  
 Welded ASTM B467

OD		WT			Theoretical Weight	
Nominal inch	Actual inch	Actual mm	Actual inch	Actual mm	lb/ft	kg/m
Seamless						
1/8	0.405	10.29	0.058	1.47	0.24	0.36
1/4	0.540	13.72	0.065	1.65	0.38	0.56
3/8	0.675	17.15	0.065	1.65	0.48	0.72
1/2	0.840	21.34	0.065	1.65	0.61	0.91
3/4	1.050	26.67	0.065	1.65	0.78	1.16
1	1.315	33.40	0.065	1.65	0.99	1.47
1 1/4	1.660	42.16	0.072	1.83	1.39	2.07
1 1/2	1.900	48.26	0.072	1.83	1.60	2.39
2	2.375	60.32	0.083	2.11	2.32	3.45
2 1/2	2.875	73.03	0.083	2.11	2.82	4.20
3	3.500	88.90	0.095	2.41	3.93	5.85
3 1/2	4.000	101.60	0.095	2.41	4.51	6.71
4	4.500	114.30	0.109	2.77	5.83	8.68
5	5.563	141.30	0.125	3.18	8.29	12.34
6	6.625	168.30	0.134	3.40	10.58	15.75
8	8.625	219.10	0.134	3.40	13.84	20.60
Seamless or Welded						
10	10.750	273.05	0.134	3.40	17.30	25.75
12	12.750	323.90	0.156	3.96	23.91	35.58
14	14.000	355.60	0.165	4.19	27.79	41.35
16	16.000	406.40	0.165	4.19	31.81	47.33
18	18.000	457	0.180	4.57	39.02	58.07
20	20.000	508	0.180	4.57	43.42	64.62
Welded						
24	24.000	610	0.180	4.57	52.22	77.71
30	30.000	762	0.250	6.35	90.56	137.77