



12 in. 90/10 Copper Nickel Pipe. CL50 / CL200 Rating, Welded MIL-T-16420

<u>Item No.</u>	M131475	<u>UOM</u>	FT
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Specifications

Type	Pipe
Item Remarks	Welded
Size	12 in.
Material	Copper Nickel
Material Grade	90/10 Copper Nickel
Pressure Class	CL50 / CL200
Specification	MIL-T-16420
Market	Navy

Product URL: <https://torksystems.com/M131475>

COPPERNICKEL PIPE & TUBING

90/10 AND 70/30 COPPERNICKEL (CuNi)



CLASSES, SCHEDULES, & STANDARDS

CLASS	CL50	CL200	CL700	CL1650	CL3300	CL6000	SCH40	SCH80
90/10 (Alloy 706)	✓	✓	-	-	-	-	✓	✓
70/30 (Alloy 715)	-	✓	✓	✓	✓	✓	✓	✓
STANDARD	MIL-T-16420K	MIL-T-16420K	MIL-T-16420K	MIL-T-16420K	MIL-T-16420K	MIL-T-16420K	ASTM B-466	ASTM B-466

WALL THICKNESS (INCHES)

IPS SIZE	OD	CL50	CL200	CL700	CL1650	CL3300	CL6000	SCH40	SCH80
1/8	.405	-	.065	-	-	.058	.095	.068	.095
1/4	.540	-	.065	.065	.042	.072	.120	.088	.119
3/8	.675	-	.065	.072	.049	.095	.148	.091	.126
1/2	.840	-	.065	.072	.058	.120	.203	.109	.147
3/4	1.050	-	.065	.083	.083	.148	.238	.113	.154
1	1.315	-	.065	.095	.095	.180	.300	.133	.179
1-1/4	1.660	-	.072	.095	.120	.220	.380	.140	.191
1-1/2	1.900	-	.072	.109	.134	.250	.425	.145	.200
2	2.375	-	.083	.120	.165	.340	.520	.154	.218
2-1/2	2.875	-	.083	.134	.203	.380	-	.203	.276
3	3.500	-	.095	.165	.250	.458	-	.216	.300
3-1/2	4.00	-	.095	.180	.284	-	-	.226	.318
4	4.500	-	.109	.203	.340	-	-	.237	.337
5	5.563	-	.125	.220	.425	-	-	.258	.375
6	6.625	-	.134	.259	-	-	-	.280	.432
8	8.625	-	.148	.340	-	-	-	.322	.500
10	10.750	.134	.187	.380	-	-	-	.365	.500
12	12.750	.156	.250	.454	-	-	-	.375	.500
14	14	.165	-	-	-	-	-	.375	.500
16	16	.165	-	-	-	-	-	.375	.500
18	18	.180	-	-	-	-	-	.375	.500
20	20	.180	-	-	-	-	-	.375	.500
22	22	.180	-	-	-	-	-	.375	.500
24	24	.180	-	-	-	-	-	.375	.500

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