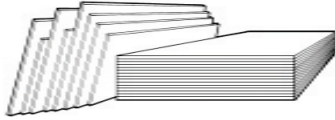


Copper-Nickel Sheet & Plate

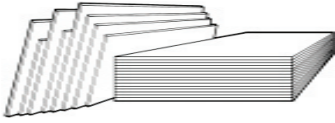
90-10 Copper-Nickel Sheet & Plate



- UNS Designation Numbers: 90-10 (UNS C70600).
- Nominal Chemicals: Copper 88.6%, Nickel 10.0%, Iron 1.4%.
- Average Mechanical Properties: Tensile 40,000 psi, Yield 15,000 psi, Elongation 30%.
- Machinability = 20.
- Specifications: MIL-C-15726F, ASTM B 171, ASME SB-171.
- Widely used in marine applications where resistance to both corrosion and biofouling is important.

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	90-10 Part Number
.032	38 x 96	1.5	47	510306
.063	36 x 120	2.9	88	141474
.095	36 x 120	4.8	144	281096
.125	48 x 120	5.8	232	141505
.134	48 x 120	6.38	255	141513
.156	39.565 x 240	7.42	489	446832
.165	43.21 x 180	8.44	456	141555
.165	49.50 x 180	8.5	529	433295
.180	55.65 x 180	9.0	630	141602
.180	61.9 x 240	9.77	1008	433994
.180	74.84 x 240	9.0	1123	434005
.1875	48 x 96	9.0	289	254926
.1875	48 x 120	9.0	361	298182
.250	43.1 x 240	12.0	862	435645
.250	48 x 96	12.0	384	141636
.250	49.18 x 180	12.0	737	141660
.250	49.18 x 240	12.0	984	435653
.250	55.43 x 240	12.0	1145	433986
.250	61.68 x 240	12.0	1233	141686
.250	74.5 x 240	12.0	1490	561852
.3125	48 x 96	14.8	473	141725
.3125	61.85 x 240	15.9	1639	431578

Dimensions are in inches. All weights are approximate.
 Sizes not shown may be available upon request. Specifications: pg. 62.

90-10 Copper-Nickel Sheet & Plate (continued)

Thickness	Size	Lbs/Sq Ft	Lbs/Sheet	90-10 Part Number
.313	74.42 x 240	15.8	1956	483313
.375	74.25 x 120	18	1114	420624
.375	48 x 96	18	576	141791
.375	49.1 x 120	18	737	141806
.375	55.4 x 120	18	831	141822
.375	61.65 x 120	18	925	141814
.375	80 x 120	18	1200	141848
.500	48 x 96	24	757	141864
.500	80 x 120	24	1506	141880
.625	76.5 x 120	30	1971	141903
.750	48 x 96	36	1177	141911
.750	80 x 120	36	2487	141937
1.00	48 x 96	48	1488	420496
1.00	60 x 120	48	2400	276279
1.25	60 x 96	60	2400	141961
1.50	80 x 120	72	4737	235516
2.00	48 x 96	96	3072	510500
2.50	36 x 72	120	2093	142006
3.00	60 x 60	144	2415	142014
4.00	60 x 60	192	4785	142022

Dimensions are in inches. All weights are approximate.
 Sizes not shown may be available upon request. Specifications: pg. 62.