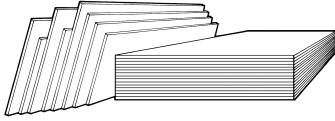


Copper-Nickel Sheet & Plate

70-30 Copper-Nickel Sheet & Plate



- UNS Designation Number: 70-30 (UNS C71500).
- Nominal Chemicals: Copper 69.5%, Nickel 30.0%, Iron 0.5%.
- Average Mechanical Properties: Tensile 50,000 psi, Yield 20,000 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	70-30 Part Number
.063	32 x 120	3	80	512968
.095	24 x 144	4.56	106	141115
.125	48 x 120	6	232.6	141123
.134	48 x 120	6.43	277.2	141131
.165	49.50 x 180	7.92	365	491112
.1875	48 x 120	9	360	488428
.1875	49.75 x 180	9	586.1	141157
.250	49.18 x 180	12	777.7	250126
.250	55.43 x 180	12	831	141199
.250	61.68 x 180	12	799.3	467765
.250	74.5 x 180	12	960.3	467773
.313	65 x 120	15	788.7	509143
.375	49.1 x 120	18	736.5	141246
.375	55.375x 120	18	830.6	276261
.375	61.65 x 120	18	924.8	226004
.500	48 x 120	24	960	141270
.625	76.5 x 144	30	2295	259405
.750	72 x 120	36	2160	141296
1.00	48 x 96	48	1548	510550
1.00	80 x 120	48	3227	141327
1.25	80 x 120	60	4000	141343
1.50	50 x 120	72	3000	141369
1.75	49 x 98	84	2722	141377
2.00	50 x 127.5	96	4205	271326
2.50	36 x 96	120	2856	141416
3.00	52 x 72	144	3744	235427
4.00	37 x 49	192	2367	141458

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