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*“more than a metal recycler”*

## 70/30 Copper Nickel

### Information:

Copper Nickel is a material which is highly resistant to corrosion in seawater and biofouling. This leads to it being extremely useful for piping, heat exchangers and condensers all used in seawater systems.

### Typical Uses:

Valves, condensers, heat exchangers, offshore fire water systems, piping, crankshafts, hydraulic lines, desalination units.

### Type:

Wrought

### Specifications:

70/30 - NES 780 / Def Stan 02-780  
C71500  
CN107  
CuNi30  
Def Stan 02-879 Pt 2

### Nominal Chemical Composition:

	Cu	Ni	Mn	Fe	Impurities
%	BAL	29.0-32.0	0.5-1.5	0.6-1.0	0.3 Max

### Typical Minimum Mechanical Properties:

Tensile Strength (N/mm <sup>2</sup> )	≥310
Proof Stress (0.2% Proof)	≥110
Elongation (%)	≥30
Brinell Hardness	80-120

CF Booth can manufacture material to customer defined specifications. Simply contact us today to discuss your own requirements on:

Tel: 01709 857622. Fax: 01709 562979 Email: alloys@cfbooth.com .

The information provided above is used purely for an advisory purpose only and is most likely a generic overview of the particular size & specification of material given. If you have any questions relating to the above, please do not hesitate to contact us.