

Monel 400

UNS N04400

Characteristics.

- Copper and Nickel Alloy (aprox 67% Ni - 23% Cu).
- Known as alloy 400.
- Corrosion, salt, high temperature steam, salt water, clean water, caustic solutions resistant, etc.
- Particularly resistant to hydrochloric and hydrofluoric acid.
- It may be hardened by cold working.
- Of great strength.
- Easy to weld.
- Excellent resistance to stress cracking corrosion.
- With good mechanical properties at temperatures below zero.
- Can be used in temperatures up to 10,000 ° F, its melting point is from 23700 ° F- 24600 ° F.
- Good ability to be a solder.
- Usable in marine engineering, distillation towers crude oil, valves, pumps, shafts, fittings, fasteners, industrial heat exchangers, gas tanks and drinking water, etc.
- It is a little magnetic at room temperature.

* Monel is a registered trademark of Special Metals Corporation group.

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Shape or Presentation

- Sheet
- Plate
- Bar
- Tube
- Tubing
- Connections
- Wire

Chemical Composition %

C	Mn	S	Si
0.30 max	2.00 max	0.024 max	0.50 max
Ni	Cu	Fe	
63.0 min	28.0 - 34.0	2.50 max	

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