

# NI-BASE ALLOYS

## Available Product Variants

Plates

## Product Description

Marine technique e.g. heat ex-changer and condenser up to 450°C which works with brackish- or sea water for cooling. Pickling baskets, chemical industry.

Corrosion resistant nickel-copper alloy resistant to chloride induced stress corrosion cracking. No post-weld heat treatment required. Excellent resistance to steam, torrential sea water, neutral and alkaline salt solutions. Possesses very good resistance to acid reacted salt solutions like zinc-chloride, ammonium-sulphate or ammonium-chloride as well as non oxidising acids e.g. diluted sulphuric acid, hydrochloric acid, hydrofluoric acid, silicofluoric acid, clean phosphoric acid and organic acids.

## Applications

- > Comp. for Chemical plants (incl. LNG, FGD, Urea, LDPE, etc.)
- > Other Oil and Gas + CPI comps.
- > Tubular Products, Flanges, Fittings

## Technical data

Material designation	
2.4360	SEL
N04400	UNS
Alloy 400	Market grade

## Chemical composition (wt. %)

C	Si	Mn	Ni	Cu	Fe
0.12	0.3	1.2	65	32	1.5

The data contained in this brochure is merely for general information and therefore shall not be binding on the company. We may be bound only through a contract explicitly stipulating such data as binding. Measurement data are laboratory values and can deviate from practical analyses. The manufacture of our products does not involve the use of substances detrimental to health or to the ozone layer.

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ONE STEP AHEAD.