

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

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

Technical data

Material designation	
Alloy 400	Market grade
2.4360	SEL
N04400	UNS

Chemical composition (wt. %)

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

If other available product variants are listed in addition to long products, please note that these may differ in terms of melting process, technical data, delivery and surface condition as well as available product dimensions. For mandatory technical specifications, other requirements and dimensions, please contact our regional voestalpine BÖHLER sales companies. 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.

voestalpine BÖHLER Edelstahl GmbH & Co KG

Mariazeller Straße 25
 8605 Kapfenberg, AT
 T. +43/50304/20-0
 E. info@bohler-edelstahl.at
<https://www.voestalpine.com/bohler-edelstahl/de/>