



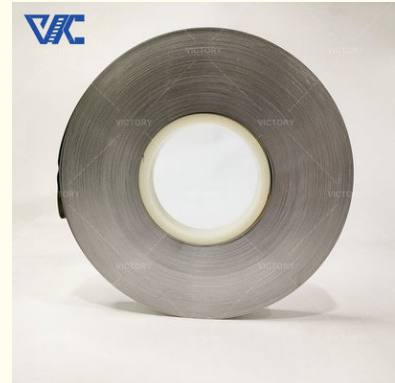
Corrosion Resistant Bright Inconel 617 Strip Nickel Based Foil For Chemical Industry

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Inconel 617
- Minimum Order Quantity: 1 Kg
- Price: Negotiable
- Packaging Details: Packed as coil. Special packaging requirements can also be accommodated. OEM is also acceptabl
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100 Ton/Tons per Month



Product Specification

- Product Name: Inconel 617 Strip
- Material: Ni Cr Fe
- Ni (Min): 44.5%
- Elongation (\geq %): 30 %
- Density: 8.36 G/cm3
- Melting Point: 1350 °C
- Tensile Strength: 690 MPa
- Yield Strength: 310 MPa
- Application: Industrial,Construction,Building
- Thermal Expansion Coefficient: $12.7 \times 10^{-6}/^{\circ}\text{C}$
- Thermal Conductivity: 10.8 W/m · K
- Highlight: **Bright Inconel 617 Strip, Corrosion Resistant Inconel 617 Strip**



Product Description

Introduction:

Inconel 617 tape is a high performance nickel-chromium-cobalt alloy tape with wide applications in the chemical industry. It has excellent corrosion resistance, high temperature strength and oxidation resistance, and can maintain stability in harsh chemical environments and high temperature conditions.

In the chemical industry, Inconel 617 tape is widely used in various chemical equipment and components, such as reactors, heat exchangers, storage tanks, pipelines, etc. Its corrosion resistance enables it to withstand the erosion of acidic, alkaline and oxidizing chemical media, ensuring the durability and stability of the equipment.

In addition, Inconel 617 tape has excellent high-temperature strength and is able to withstand the stress and deformation caused by high-temperature chemical reactions and heating processes. It also shows good antioxidant properties and can resist high-temperature oxidation and hot corrosion, extending the service life of equipment.

Characteristic:

High temperature resistance: Inconel 617 tape is able to maintain high stability and strength in high temperature environments and can withstand temperatures up to 1200°C.

Corrosion resistance: The strip has good resistance to oxidizing and reducing environments, and can resist corrosive media such as acidic, alkaline and salt solutions.

Oxidation resistance: Inconel 617 tape can resist oxidation and hot corrosion at high temperatures and has excellent antioxidant properties.

Advantage:

High-temperature stability: Inconel 617 tape can maintain high strength and stability under high-temperature conditions and is not easy to deform and break. It is suitable for the manufacturing of high-temperature components in the chemical industry.

Corrosion resistance: Inconel 617 belt has good resistance to common corrosive media in the chemical industry, which can reduce corrosion losses and maintenance costs of facility parts.

Application:

Petrochemical industry: Inconel 617 tape can be used for high-temperature reactors, furnace tubes, catalyst carriers and other components in the petrochemical industry. It can withstand high temperatures and corrosive media and plays an important role in chemical reactions and catalytic processes.

Refining industry: Inconel 617 belt can be used in high-temperature cracking units, distillation towers and catalytic cracking units in the refining industry. It is able to withstand high temperatures and corrosive conditions and is used to process and convert petroleum feedstocks.

Chemical industry: Inconel 617 belts can be used in high-temperature reactors, evaporators, distillation equipment, etc. in the chemical industry. It is able to withstand the corrosive and high-temperature conditions of chemicals and is used in chemical synthesis and separation processes.

Other relevant knowledge points:

The chemical industry refers to a series of industrial fields involving chemical processes, chemical reactions and chemical production, including petrochemical industry, oil refining industry, chemical manufacturing, etc. In the chemical industry, material selection requires considerations such as high-temperature performance, corrosion resistance, chemical stability, and compatibility with the process media.

Inconel 617 strip is a commonly used high-temperature alloy material in the chemical industry, but there are other alternatives and the choice needs to be evaluated based on specific requirements and working conditions.

The design and manufacture of chemical industry equipment needs to consider factors such as process safety, the corrosiveness and explosiveness of chemicals, and follow relevant safety standards and specifications.

Parameter:

Chemical Properties of Inconel 617

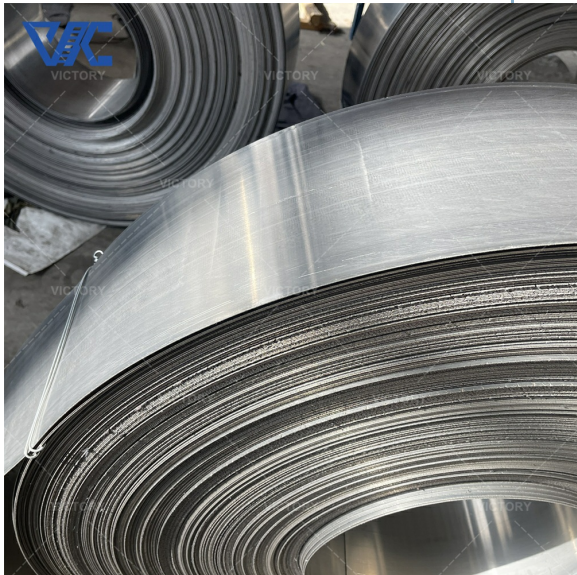
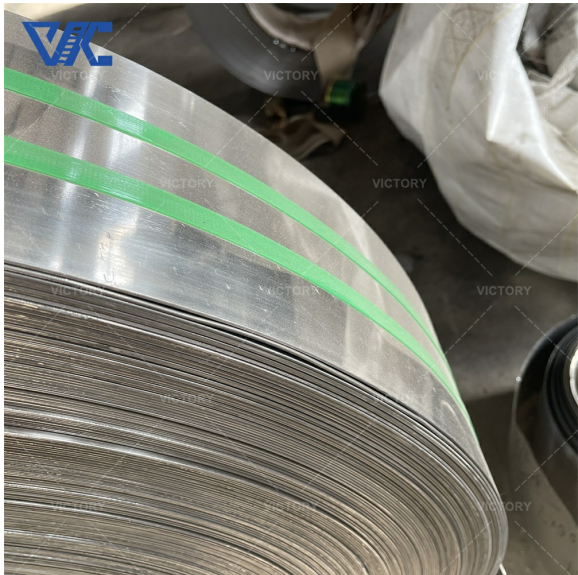
UNS Designation	Inconel Alloy	Nickel	Chromium	Cobalt	Molybdenum	Aluminum	Carbon	Iron	Manganese	Silicon	Sulfur	Titanium	Copper	Boron
N06617	617	44.5 min.	20.0 - 24.0	10.00 - 15.00	8.0 -10.0	0.8-1.5	0.05 - 0.15	3.0max	1.0 max.	3.0max	0.015 max.	0.6 max	0.5 max.	0.006 max

Type we could offer

AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5887	Inconel 617	Nickel	N06617		
AMS 5887 Bar	Inconel 617	Nickel	N06617	-	Bar
AMS 5887 Custom Tube	Inconel 617	Nickel	N06617	-	Custom Tube

AMS Number	Alloy	Type	U N S	Cross Ref. Spec	Misc./Shape
AMS 5887 Forging	Inconel 617	Nickel	N 0 6 6 1 7	-	Forging
AMS 5887 Ring	Inconel 617	Nickel	N 0 6 6 1 7	-	Ring
AMS 5888	Inconel 617	Nickel	N 0 6 6 1 7	-	Plate
AMS 5889	Inconel 617	Nickel	N 0 6 6 1 7		
AMS 5889 Sheet	Inconel 617	Nickel	N 0 6 6 1 7	-	Sheet
AMS 5889 Strip	Inconel 617	Nickel	N 0 6 6 1 7	-	Strip

contact us
email: victory@dlx-alloy.com
 Oem service:
 Welcome customized size
 We are experience factory for OEM&ODM service



Q & A:

Q: What are the applications of Inconel 617 strip?

A: Inconel 617 strip finds applications in high-temperature environments, including aerospace components, industrial furnace parts, and petrochemical equipment.

Q: In which industries is Inconel 617 strip used?

A: Inconel 617 strip is widely used in industries such as aerospace, petrochemical, and power generation, where high-temperature resistance and corrosion resistance are crucial.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu