



Oil And Gas Industry No6600 Nickel Based Strip Inconel 600 Strip With Corrosion Resistance

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Inconel 600
- 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

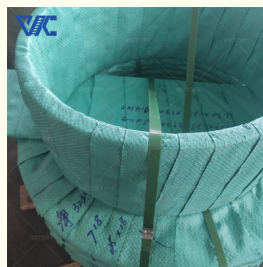


Product Specification

- Product Name: Inconel 600 Strip
- Material: Ni Cr Fe
- Ni (Min): 72%
- Density (g/m3): 8.47 G/cm3
- Melting Point: 1,370-1,410°C
- Elongation (≥ %): 30 %
- Thermal Conductivity: 15.9 W/m-K
- Surface: Bright,Oxided
- Application: Reactors, Heat Exchangers, Oil Well Casings
- Yield Strength: 240 MPa
- Tensile Strength: 550 MPa
- Hardness: ≤ 160 HB
- Highlight: **No6600 Nickel Based Strip,
Corrosion Resistance Inconel 600 Strip**



More Images



Product Description

Introduction:

Inconel 600 tape has a wide range of applications in the oil and gas industry. It is a high-temperature alloy strip composed of elements such as nickel, chromium and iron. Inconel 600 tape is widely used in reactors, heat exchangers and oil well casing. The alloy has a yield strength of 240 MPa, a tensile strength of 550 MPa and a hardness not exceeding 160 HB. Its outstanding feature is its excellent performance in high temperatures and corrosive environments. It can withstand stress and corrosive media under high temperature conditions and is suitable for critical applications that require high strength and corrosion resistance, such as chemical reactors, heat exchangers, and oil well casing.

Characteristic:

Corrosion Resistance: Inconel 600 belts have excellent corrosion resistance and are resistant to corrosive media such as acids, alkalis and chlorides produced in the oil and gas industry.

High temperature strength: This strip has excellent high temperature strength and heat resistance, and can maintain stability and mechanical properties in high temperature environments.

Oxidation resistance: Inconel 600 strip has good antioxidant properties, which can reduce oxidation losses in high-temperature oxidizing environments and extend the service life of the material.

Advantage:

Durability: Inconel 600 tape provides long-term durability due to its ability to operate reliably in the harsh environments of the oil and gas industry due to its corrosion resistance, high temperature strength and oxidation resistance.

Resistance to hydrogen sulfide corrosion: This strip has high resistance to hydrogen sulfide corrosion and is suitable for the processing and transportation of sulfur-containing media in oil and natural gas.

Application:

Petrochemical Equipment: Inconel 600 belts are commonly used in the manufacture of corrosive media handling components in petrochemical equipment, such as reactors, heat exchangers, steam generators, etc.

Oil well casing: This strip can be used to manufacture oil well casing, which is resistant to corrosion and high temperature and pressure conditions in the oil well environment.

Acid gas treatment equipment: Inconel 600 belts are widely used in acid gas treatment equipment, such as in the manufacture of acid gas removal equipment, desulfurization equipment, etc.

High temperature furnace tubes: This strip can be used to make high temperature furnace tubes, which can withstand oxidation and corrosion under high temperature conditions.

Other relevant knowledge points:

Inconel 600 is a nickel-chromium alloy with excellent corrosion resistance and high temperature strength.

In the oil and gas industry, Inconel 600 strip is required to comply with relevant standards and specifications to ensure the reliability and safety of equipment and components in harsh conditions.

There are many corrosive media and high-temperature and high-pressure environments in the oil and gas industry. Therefore, the selection and use of materials must be very careful, and sufficient engineering design and material testing must be carried out in actual applications.

Parameter:**Chemical Properties of Inconel 600**

Element	Percent
Nickel (plus Cobalt) (Min)	72
Chromium	14-17
Iron	6-10
Carbon (Max)	.15
Manganese (Max)	1
Sulfur (Max)	.015
Silicon (Max)	.5
Copper (Max)	.5

Type we could offer

AMS Number	Alloy	Misc./Shape
AMS 5540	Inconel 600	
AMS 5540 Plate	Inconel 600	Plate
AMS 5540 Sheet	Inconel 600	Sheet
AMS 5540 Strip	Inconel 600	Strip
AMS 5580 Custom Tube	Inconel 600	Custom Tube
AMS 5580 Tubing	Inconel 600	Tubing

AMS Number	Alloy	Misc./Shape
AMS 5665 Bar	Inconel 600	Bar
AMS 5665 Custom Tube	Inconel 600	Custom Tube
AMS 5665 Ring	Inconel 600	Ring
AMS 5961	Inconel 600	Wire

contact us
email: victory@dlx-alloy.com

Oem service:
 Welcome customized size
 We are experience factory for OEM&ODM service



Q & A:

Q: Does the company provide custom cutting services for Inconel 600 strip?

A: Yes, the company offers custom cutting services for Inconel 600 strip to meet specific size and shape requirements.

Q: What additional services does the company offer for Inconel 600 strip?

A: In addition to custom cutting, the company may provide services such as surface treatment, edge conditioning, and packaging tailored to the customer's needs, ensuring convenient handling and optimal product protection.



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