



Heat Treatment Industry Nickel Based Inconel 600 Strip With High Temperature Strength

Our Product Introduction

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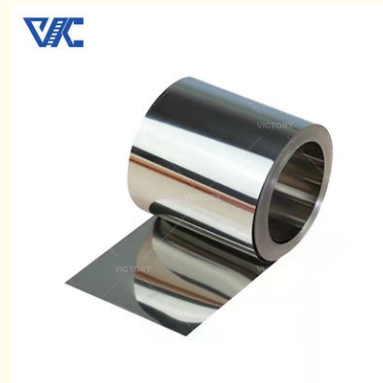
Basic Information

- 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: Heat Treatment Furnace Tubes, Heating Elements, Furnace
- Yield Strength: 240 MPa
- Tensile Strength: 550 MPa
- Hardness: ≤ 160 HB
- Highlight: **Nickel Based Inconel 600 Strip,
Heat Treatment Industry Inconel 600 Strip**



More Images



Product Description

Introduction:

inconel 600 belts have a wide range of applications in the heat treatment industry. As a high-temperature alloy strip, it is composed of elements such as nickel, chromium and iron and has excellent performance characteristics. It has excellent high temperature stability and corrosion resistance and can withstand extreme heat treatment environments. Its melting point range is between 1,370 and 1,410 degrees Celsius, allowing it to maintain mechanical properties and structural integrity under high temperature conditions. Inconel 600 tape is an important material with excellent high temperature stability, corrosion resistance and mechanical properties. Its application in high-temperature furnaces and heat treatment equipment can ensure a stable heat treatment process and meet the requirements for material performance in high-temperature environments in industrial production.

Characteristic:

High temperature strength: Inconel 600 tape has excellent high temperature strength and heat resistance, and can maintain high strength and stability in high temperature environments.

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

Corrosion resistance: Inconel 600 belt has excellent corrosion resistance and can resist the erosion of acidic gases and corrosive media generated in the heat treatment industry.

Advantage:

High-temperature environment applications: Inconel 600 strips can maintain stability and strength in high-temperature environments and are suitable for high-temperature equipment and component manufacturing in the heat treatment industry.

Corrosion resistance: This strip has good resistance to acidic gases and corrosive media in the heat treatment industry, and can be used to manufacture various corrosion-resistant equipment and pipelines.

Application:

Heat treatment furnace tubes: Inconel 600 can be used to manufacture heat treatment furnace tubes that can withstand oxidation and corrosion in high temperature environments.

Heat treatment equipment components: This strip is often used to manufacture parts in heat treatment equipment, such as heating elements, furnaces, furnace doors, etc., to meet the requirements of high temperature and corrosive environments.

Other relevant knowledge points:

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

Equipment and processes in the heat treatment industry often involve factors such as high temperature, corrosion and oxidation. Therefore, these factors must be considered in the selection and use of materials, and corresponding engineering design and material testing must be carried out.

Heat treatment is a process that changes the mechanical properties and organizational structure of materials by controlling and changing the temperature and cooling rate. It is often used to improve the hardness, strength and corrosion resistance of materials.

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 5665 Bar	Inconel 600	Bar

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

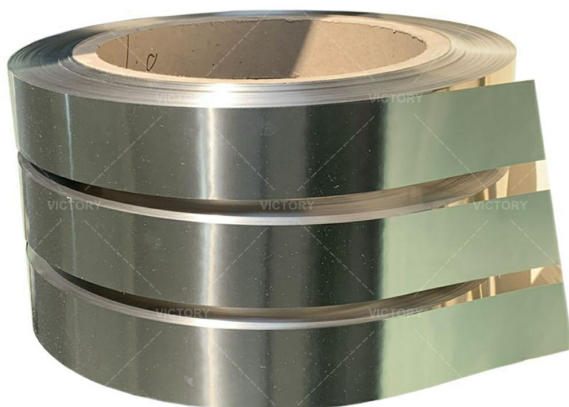
contact us

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Oem service:

Welcome customized size

We are experience factory for OEM&ODM service



Size Range	
Wire	0.05-8.0mm
Rod/Bar	8.0-200mm
Strip	(0.05-0.5)*(5-200)mm
Plate	custom made
Tube	custom made



Q & A:

Q: What are the applications of Inconel 600 strip?

A: Inconel 600 strip is widely used in applications such as furnace components in high-temperature environments, chemical processing equipment, heat exchangers, and components in marine environments.

Q: In which industries is Inconel 600 strip used?

A: Inconel 600 strip finds extensive applications in industries such as aerospace, chemical processing, marine, and power generation.



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