



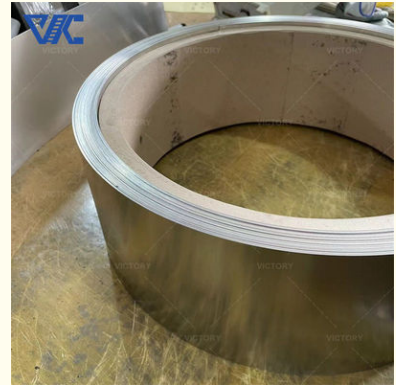
Nickel Plated Steel Strip Inconel 601 Alloy Strip Used In Green Facilities

Our Product Introduction

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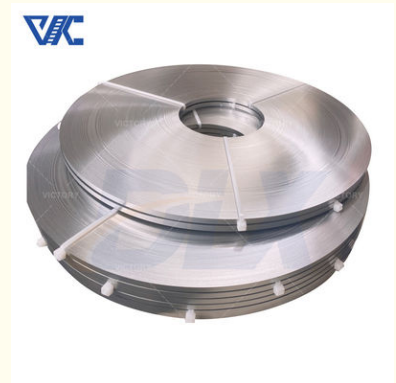
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Inconel 601
- Minimum Order Quantity: 1 Kg
- Price: Negotiable
- Packaging Details: Packed as coil. Special packaging requirements can also be accommodated. OEM is also acceptable
- 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

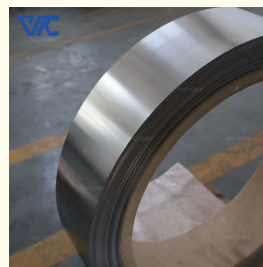


Product Specification

- Product Name: Inconel 601 Strip
- Material: Ni Cr Fe
- Ni (Min): 58%
- Density (g/cm³): 8.11 G/cm³
- Melting Point: 1,370-1,415°C
- Tensile Strength: 550 MPa
- Yield Strength: 220 MPa
- Thermal Expansion Coefficient: $13.1 \times 10^{-6}/^{\circ}\text{C}$
- Thermal Conductivity: 9.9 W/(m·K)
- Application: Flue Gas Purification Tower And Filter
- Highlight: Inconel 601 Alloy Strip,
Inconel 601 Nickel Plated Steel Strip



More Images



Product Description

Introduction:

Inconel 601 belt is a high-performance nickel-chromium alloy material that is widely used in the field of environmental protection equipment.

This product has excellent corrosion resistance and can resist the erosion of acidic, alkaline and salt corrosive media. In environmental protection equipment, Inconel 601 is commonly used in equipment and pipeline systems that treat exhaust gas, waste water and harmful chemicals. It maintains excellent performance and durability in harsh chemical environments.

Inconel 601 tape has excellent high temperature stability and is able to maintain its mechanical properties and structural integrity under high temperature conditions. In environmental protection equipment, it is often used in components such as high-temperature burners, heat exchangers and high-temperature filters to cope with high-temperature processes and thermal cycle conditions.

The product has an elongation rate of more than 35% and good plasticity, making it easy to manufacture environmentally friendly equipment of various shapes and sizes. Its thermal conductivity is 14.9 Watt/meter-Kelvin, which helps to conduct heat quickly and improve the thermal efficiency and thermal conductivity of the equipment.

Characteristic:

High temperature resistance: Inconel 601 tape can 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 corrosion from many acidic, alkaline and salt solutions.

Oxidation resistance: Inconel 601 tape can resist oxidation and hot corrosion at high temperatures and has excellent antioxidant properties.

Advantage:

High-temperature stability: Inconel 601 belts can maintain high strength and stability under high-temperature conditions and are not prone to deformation and rupture. They are suitable for the manufacturing of high-temperature environmental protection equipment.

Corrosion resistance: Inconel 601 belt has good resistance to common corrosive media in environmental protection equipment, which can reduce corrosion losses and maintenance costs of equipment.

Application:

Flue gas purification equipment: Inconel 601 belt can be used for key components in flue gas purification equipment, such as flue gas purification towers and filters. It is resistant to corrosive substances in high-temperature flue gases and has high strength and durability.

Waste incineration equipment: Inconel 601 belt can be used in key components of waste incineration equipment, such as furnaces, pipes and nozzles. It can withstand corrosive gases and high-temperature environments generated during high-temperature incineration.

Acid mist treatment equipment: Inconel 601 comes with components that can be used in acid mist treatment equipment, such as acid mist towers and acid mist absorbers. It resists corrosion from acidic mist while maintaining stability under high temperatures and corrosive conditions.

Other relevant knowledge points:

In the field of environmentally friendly equipment, choosing the right materials is crucial to the performance and longevity of the equipment. Factors such as corrosion resistance, high temperature stability, mechanical properties, and compatibility with specific media need to be comprehensively considered.

Inconel 601 strip is a commonly used high-temperature alloy material in environmentally friendly equipment, but there are other materials available, and the specific choice needs to be evaluated based on specific requirements and environmental conditions.

The design and manufacturing of environmental protection equipment need to follow relevant standards and specifications to ensure the performance, safety and reliability of the equipment while complying with environmental regulations and requirements.

Parameter:

Chemical Properties of Inconel 601

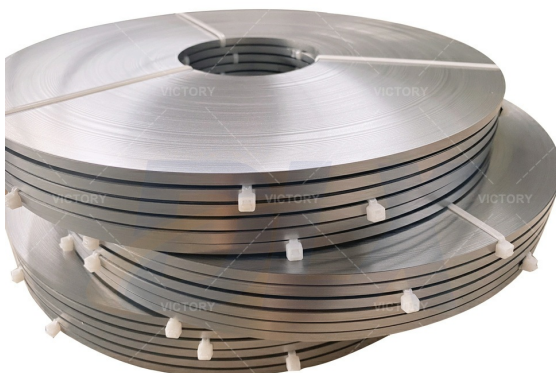
Nickel	Chromium	Iron	Aluminum	Carbon	Manganese	Sulfur	Silicon	Copper
58%-63%	21%-25%	Remainder	1%-1.7%	0.10% max	1% max	0.015% max	0.50% max	1% max

Type we could offer

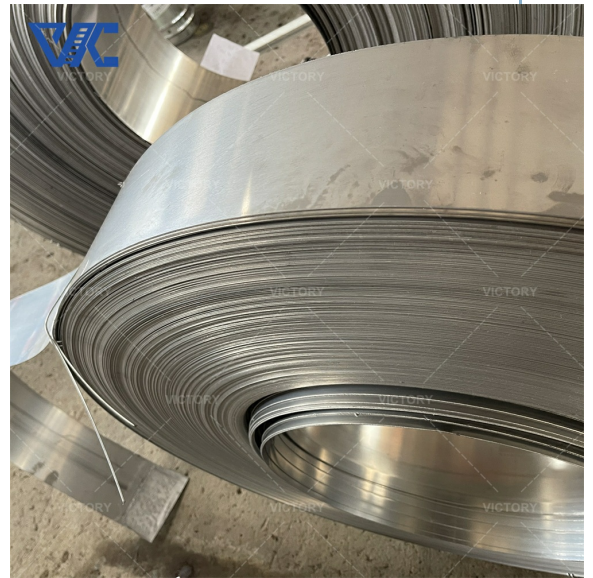
AMS Number	Alloy	Type	UNS	Misc./Shape
AMS 5715	Inconel 601	Nickel	N06601	
AMS 5715 Bar	Inconel 601	Nickel	N06601	Bar

AMS Number	Alloy	Type	UNS	Misc./Shape
AMS 5715 Custom Tube	Inconel 601	Nickel	N06601	Custom Tube
AMS 5715 Forging	Inconel 601	Nickel	N06601	Forging
AMS 5715 Ring	Inconel 601	Nickel	N06601	Ring
AMS 5870	Inconel 601	Nickel	N06601	
AMS 5870 Plate	Inconel 601	Nickel	N06601	Plate
AMS 5870 Sheet	Inconel 601	Nickel	N06601	Sheet
AMS 5870 Strip	Inconel 601	Nickel	N06601	Strip

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email: victory@dlx-alloy.com
 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 typical applications of Inconel 601 strip?

A: Inconel 601 strip is commonly used in applications that require high-temperature resistance and oxidation resistance.

Q: Can Inconel 601 strip withstand high-temperature environments?

A: Yes, Inconel 601 strip is designed to withstand high-temperature environments. They offer excellent high-temperature strength and oxidation resistance, making them suitable for applications where exposure to extreme heat is a concern.



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