



High Temperature Nickel Foil Inconel 625 Strip In Aerospace Industry

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Inconel 625
- 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 625 Strip
- Material: Ni Cr Fe
- Ni (Min): 58%
- Application: Turbine Blades, Turbine Disk, Combustion Chamber
- Density (g/m3): 8.44 G/cm3
- Thermal Expansion Coefficient: $12.8 \times 10^{-6} (^{\circ}\text{C})$
- Thermal Conductivity: 13.3 W/(m-K)
- Elongation (\geq %): 45%
- Melting Point: 1290-1350°C
- Yield Strength: 275 MPa
- Tensile Strength: 620 MPa
- Highlight: **Nickel Foil Inconel 625 Strip, Aerospace Industry Inconel 625 Strip**



More Images



Product Description

Introduction:

Inconel 625 tape plays an important role in the aerospace industry. It is a high-temperature alloy strip with excellent corrosion resistance and high-temperature strength, suitable for use in the extreme environments of the aerospace industry. In critical applications such as aerospace engines, gas turbines and spacecraft components, Inconel 625 tape can withstand high temperatures, pressures and corrosive media, ensuring equipment reliability and performance. Its excellent performance parameters make it an ideal material choice in the aerospace industry. Overall, Inconel 625 tape provides an important material solution for the aerospace industry with its excellent corrosion resistance and high temperature strength, ensuring the safe operation and reliable performance of aircraft in extreme environments.

Characteristic:

High Strength: Inconel 625 tape has excellent high-strength properties, providing reliable structural support and load-carrying capabilities in aerospace applications.

Oxidation resistance: This strip has good anti-oxidation properties, which can prevent oxidation and corrosion in high temperature environments and enhance the durability and life of parts.

Heat resistance: Inconel 625 tape can maintain high strength and stability under high temperature conditions and is suitable for high temperature components and engine parts in the aerospace industry.

Advantage:

Lightweight and high strength: Inconel 625 tape has a high strength to density ratio, making it the lightweight and high-strength material of choice in the aerospace industry, reducing structural weight and improving flight performance.

Corrosion Resistance: Inconel 625 tape has excellent corrosion resistance in harsh environments and is able to withstand corrosive media in the aerospace industry, such as high temperature gases and chemicals.

High-temperature performance: This strip can maintain high strength and stability in high-temperature environments and is suitable for high-temperature areas such as high-temperature engine components and combustion chambers in the aerospace industry.

Application:

Engine parts: Inconel 625 tape can be used in engine parts in the aerospace industry, such as turbine blades, turbine disks, combustion chambers, etc. Its high temperature stability and anti-oxidation properties enable it to withstand the requirements of working under high temperature and high pressure conditions.

Aerospace structural parts: Inconel 625 tape can be used for structural parts in the aerospace industry, such as aircraft suspension parts, connectors and supports, etc. Its high strength and corrosion resistance enable it to meet aircraft structural requirements and safety standards.

Gas Turbines: Inconel 625 tape can be used in gas turbines in the aerospace industry, including jet engines and turbines. It can withstand the requirements of high temperature and high-speed rotation and maintain stable performance and life.

Other relevant knowledge points:

The aerospace industry refers to the industrial field that designs, manufactures and operates aircraft (such as aircraft, spacecraft, satellites, etc.) and related aerospace technology and equipment.

In the aerospace industry, material selection requires considerations such as strength, lightweighting, corrosion resistance, high-temperature performance and compatibility with aviation fuels.

The design, manufacturing and operation of the aerospace industry requires compliance with strict safety standards and specifications to ensure the safety, reliability and compliance of aircraft with aerospace industry requirements.

Parameter:

Chemical Properties of Inconel 625

Nickel	Chromium	Molybdenum	Iron	Niobium and Tantalum	Cobalt	Manganese	Silicon
58%	20%-23%	8%-10%	5%	3.15%-4.15%	1%	0.5%	0.5%

Type we could offer

AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5581	Inconel 625	Nickel	N06625		
AMS 5581 Custom Tube	Inconel 625	Nickel	N06625	-	Custom Tube
AMS 5581 Tubing	Inconel 625	Nickel	N06625	-	Tubing

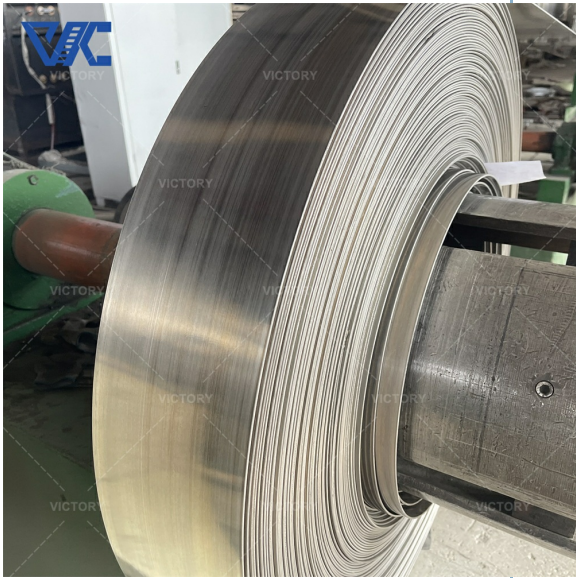
AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5599	Inconel 625	Nickel	N06625		
AMS 5599 Plate	Inconel 625	Nickel	N06625	-	Plate
AMS 5599 Sheet	Inconel 625	Nickel	N06625	-	Sheet
AMS 5599 Strip	Inconel 625	Nickel	N06625	-	Strip
AMS 5666	Inconel 625	Nickel	N06625		
AMS 5666 Bar	Inconel 625	Nickel	N06625	-	Bar
AMS 5666 Custom Tube	Inconel 625	Nickel	N06625	-	Custom Tube
AMS 5666 Forging	Inconel 625	Nickel	N06625	-	Forging
AMS 5666 Ring	Inconel 625	Nickel	N06625	-	Ring
AMS 5869	Inconel 625	Nickel	N06625		
AMS 5869 Plate	Inconel 625	Nickel	N06625	-	Plate
AMS 5869 Sheet	Inconel 625	Nickel	N06625	-	Sheet

AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5869 Strip	Inconel 625	Nickel	N06625	-	Strip

contact us
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 is the quality assurance process for your Inconel 625 strips?
 A: Our Inconel 625 strips undergo a rigorous quality assurance process to ensure high-quality standards. We utilize advanced testing methods and inspections to verify dimensional accuracy, surface quality, and material composition, guaranteeing that our Inconel 625 strips meet or exceed industry specifications.

Q: What certifications or standards do your Inconel 625 strips comply with?

A: Our Inconel 625 strips comply with international standards and certifications such as ASTM, ASME, and ISO. These certifications validate the quality and performance of our products, ensuring that our Inconel 625 strips meet the necessary requirements for various industry applications.



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