



Hot Rolled Nickel Alloy Inconel 625 Strip For Oil And Gas 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 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

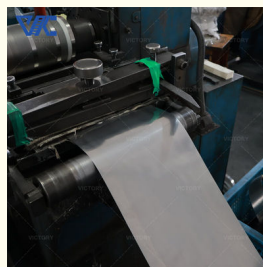
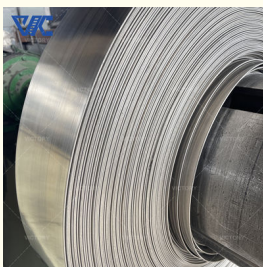


Product Specification

- Product Name: Inconel 625 Strip
- Material: Ni Cr Fe
- Ni (Min): 58%
- Application: Oil Well Pipes And Valves, Reactors
- Density (g/cm³): 8.44 G/cm³
- Thermal Expansion Coefficient: 12.8 X 10⁻⁶/°C
- Thermal Conductivity: 13.3 W/(m·K)
- Elongation (≥ %): 45%
- Melting Point: 1290-1350°C
- Yield Strength: 275 MPa
- Tensile Strength: 620 MPa



More Images



Product Description

Introduction:

Inconel 625 belt plays an important role in the oil and gas industry. As a high-temperature alloy strip, it has excellent corrosion resistance and high-temperature strength and is suitable for use in harsh environments. In critical applications such as oil well piping, high-temperature crackers and distillation columns, Inconel 625 tape is able to withstand corrosion, heat and pressure to ensure reliable operation of the equipment. Its parameters such as density, coefficient of thermal expansion, thermal conductivity, yield strength and tensile strength make it ideal for use in the oil and gas industry. Overall, Inconel 625 tape provides an important material solution for the oil and gas industry with its excellent performance and reliability.

Characteristic:

Corrosion resistance: Inconel 625 tape has excellent corrosion resistance and can withstand corrosive media in the oil and gas industry, including acidic, alkaline and salt solutions.

High temperature stability: This strip can maintain high strength and stability in high temperature environments and is suitable for high temperature components and devices in the oil and gas industry.

Oxidation Resistance: Inconel 625 tape has good antioxidant properties and is able to prevent oxidation and corrosion at high temperatures.

Advantage:

Corrosion resistance: One of the advantages of Inconel 625 tape in the oil and gas industry is its excellent corrosion resistance, which can reduce corrosion losses in equipment and pipelines and increase equipment service life.

High temperature stability: Inconel 625 tape can maintain high strength and stability in high temperature environments and is suitable for high temperature oil and gas processing equipment, pipelines and valves.

Oxidation resistance: The strip's antioxidant properties can prevent oxidation and corrosion under high temperature conditions, ensuring the reliability and long-term use of the equipment.

Application:

Oil extraction: Inconel 625 belt can be used for marine wellhead equipment, oil well pipes and valves in the oil extraction process. It can withstand seawater environments, corrosive media and high temperature conditions and is used in oil extraction and transportation processes.

Natural gas processing: Inconel 625 belts can be used in high-temperature heat exchangers, reactors and pipeline systems in natural gas processing processes. It can withstand high temperatures and corrosive media and is used in natural gas purification and processing processes.

Petrochemical Industry: Inconel 625 tape can be used in high-temperature reactors, catalyst pipes and heating elements in the petrochemical industry. It can withstand high temperatures and corrosive media and is used in catalytic cracking, reforming and heating in petrochemical processes.

Specifications and certifications include:

- * AMS: 5599, 5666
- * MS: 5837
- * ASME: SB 443 Gr 1, SB 446 Gr 1
- * ASTM: B 443 Gr 1, B 446 Gr 1
- * EN: 2.4856
- * ISO: 15156-3
- * NACE: MR0175-3
- * UNS: N06625
- * Werkstoff: 2.4856

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% |

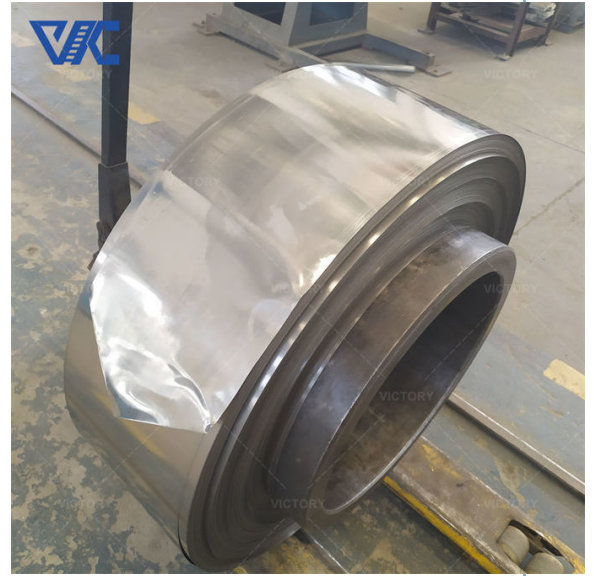
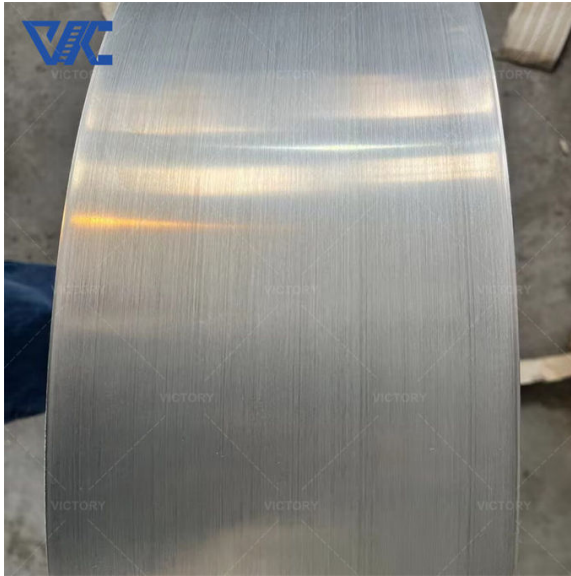
Type we could offer

| 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 |

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



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