



Nickel Alloy Strip Incoloy 800 Strip Special Metals Strip

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Incoloy 800
- Minimum Order Quantity: 1 Kg
- Price: 30 - 499 kilograms \$46.90
- 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: Incoloy 800 Strip
- Material: Ni Cr Fe
- Ni (Min): 72%
- Resistance ($\mu\Omega\cdot m$): 1.15
- Powder Or Not: Not Powder
- Ultimate Strength (\geq MPa): 790
- Elongation (\geq %): 30
- Density (g/cm³): 8.4 G/cm³
- Application: Industrial, Construction, Building
- Surface: Bright
- Size: Customized
- Processing Service: Decoiling, Cutting, Bending
- Highlight: Nickel Alloy Strip Inconel 600, 625 Incoloy Alloy



Product Description

Introduction:

1. Incoloy 800 Strip is a high-quality metal strip made of a nickel-iron-based alloy.
2. It exhibits excellent high-temperature and corrosion resistance, allowing it to maintain stability in extreme environments.
3. Its chemical composition includes elements such as nickel, iron, and chromium, with the addition of alloying elements like aluminum and titanium to enhance its oxidation resistance and corrosion resistance.
4. Incoloy 800 Strip finds wide applications in industries such as petrochemicals, energy, automotive, and aerospace, where it plays a crucial role in high-temperature, high-pressure, and corrosive media.
5. The exceptional performance of this material makes it highly sought after in challenging engineering environments.

Our Product Introduction

Application:

1. Petrochemical industry: Incoloy 800 Strip is widely used in equipment and components with high temperature and corrosive requirements such as furnace tubes, heat exchangers and catalyst tubes.
2. Electric power generation field: This strip can be used for components in high-temperature environments such as combustion chambers, boilers, and steam generators to ensure the reliability and durability of the equipment.
3. Nuclear energy industry: Incoloy 800 Strip withstands high temperatures and radioactive environments in nuclear reactors and is used to manufacture nuclear fuel cladding and other components of nuclear equipment.
4. Chemical processing plants: This tape is used in process equipment such as chemical reactors, distillation equipment and storage tanks that need to resist corrosion and high temperatures.
5. Aerospace field: Incoloy 800 Strip can be used in high-temperature components such as aerospace engine combustion chambers, nozzles and burners.

Parameter:

| Item | 800 | 800H | 800HT | 825 | 925 |
|------|----------|----------|----------|-----------|-----------|
| C | ≤0.1 | 0.05-0.1 | 0.06-0.1 | ≤0.05 | ≤0.03 |
| Mn | ≤1.5 | ≤1.5 | ≤1.5 | ≤1 | ≤1 |
| Fe | rest | rest | rest | rest | rest |
| P | -- | -- | -- | ≤0.02 | ≤0.03 |
| S | ≤0.015 | ≤0.015 | ≤0.015 | ≤0.03 | ≤0.03 |
| Si | ≤1 | ≤1 | ≤1 | ≤0.5 | ≤0.5 |
| Cu | ≤0.75 | ≤0.75 | ≤0.75 | 1.5-3 | 1.5-3 |
| Ni | 30-35 | 30-35 | 30-35 | 38-46 | 42-46 |
| Al | 0.15-0.6 | 0.15-0.6 | 0.15-0.6 | 0.2-1 | 0.15-0.5 |
| Ti | 0.15-0.6 | 0.15-0.6 | 0.15-0.6 | 0.6-1.2 | 1.9-2.4 |
| Cr | 19-23 | 19-23 | 19-23 | 19.5-23.5 | 19.5-23.5 |
| Mo | -- | -- | -- | 2.5-3.5 | 2.5-3.5 |



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