



Nickel Alloy Incoloy 800HT Incoloy Strip Customized for Construction

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Incoloy 800HT
- 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 800HT 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 Incoloy 800, Incoloy 825 Strip



Our Product Introduction

Product Description

Introduction:

1. Incoloy 800HT Strip is a high-temperature alloy strip, which is an improved material in the Incoloy 800 series alloy.
2. Compared with Incoloy 800 and Incoloy 800H, Incoloy 800HT Strip has higher heat resistance and oxidation resistance.
3. The strip is composed of main elements such as nickel, iron and chromium, mixed with alloying elements such as aluminum, titanium and carbon, and has an optimized microstructure through a special heat treatment process.
4. Incoloy 800HT Strip has excellent high temperature stability, corrosion resistance and oxidation resistance, making it suitable for applications in extreme high temperatures and corrosive environments.
5. It is widely used in petrochemical industry, chemical processing, electric power generation, nuclear

energy and aerospace to manufacture key components and parts of high-temperature equipment.

Feature:

1. High temperature stability: Incoloy 800HT Strip has excellent high temperature stability and can maintain strength and structural stability in extreme high temperature environments.
2. Oxidation resistance: This strip has undergone special heat treatment and has excellent oxidation resistance, and can be used for a long time in a high-temperature oxidizing environment without failure.
3. Corrosion resistance: Incoloy 800HT Strip has excellent corrosion resistance to a variety of corrosive media, including acids, alkalis, chlorides and sulfides.
4. High strength: This strip has high strength and good plasticity, and can withstand loads in high temperature and high stress environments.

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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