



800 Incoloy Strip Uns N08810 Incoloy 800H Nickel Alloy 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 800H
- 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 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: 825 Incoloy Strip, Uns N08810 Incoloy Alloy



Product Description

Introduction:

1. Incoloy 800H Strip is a high-quality alloy strip, mainly composed of elements such as nickel, iron and chromium, with added alloying elements such as aluminum, titanium and carbon.
2. The material undergoes a special heat treatment process and has excellent high-temperature stability and corrosion resistance.
3. Incoloy 800H Strip is characterized by its ability to maintain strength and toughness in high temperature environments and its excellent resistance to oxidation and vulcanization.
4. It is widely used in the fields of petrochemical industry, electric power generation, nuclear energy and chemical processing to manufacture parts and components of high-temperature equipment, such as furnace tubes, pipes, catalyst carriers and reactor linings.
5. Incoloy 800H Strip is a reliable choice for engineering applications requiring high material performance in high temperature and corrosive environments.

Our Product Introduction

Application:

1. Petrochemical industry: Incoloy 800H Strip is widely used in equipment and components such as furnace tubes, pipes, heat exchangers and catalyst tubes under high temperature and high pressure.
2. Chemical Processing Plants: This strip is commonly used in process equipment such as chemical reactors, distillation equipment, and storage tanks that need to resist corrosion and high temperatures.
3. Power generation field: Incoloy 800H Strip can be used for parts in high-temperature environments such as boilers, combustion chambers and steam generators to ensure the reliability and durability of equipment.
4. Nuclear energy industry: The strip withstands high temperatures and radioactive environments in nuclear reactors and is used to make components for nuclear fuel cladding and other nuclear equipment.
5. Heat treatment equipment: Incoloy 800H Strip is commonly used in heating elements and supports for high temperature furnaces, heat treatment equipment and stoves.

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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