



Incoloy 825 Strip Cold Rolled Nickel Base Alloy Strip

Our Product Introduction

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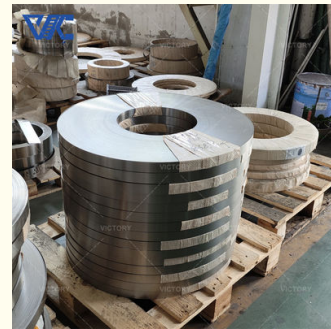
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Incoloy 825
- 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 825 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: 800 Incoloy Strip, Incoloy Strip N08800



Product Description

Introduction:

1. Incoloy 825 is an alloy containing nickel, chromium, and iron, with additions of molybdenum, copper, and titanium.
2. It offers exceptional resistance to corrosion in various corrosive environments, including sulfuric acid, phosphoric acid, and seawater.
3. Incoloy 825 is commonly used in chemical processing, oil and gas, and marine applications.
4. Incoloy 825 Strip is a corrosion-resistant alloy strip mainly composed of elements such as nickel, chromium, copper and iron.
5. Compared with other alloy strips, Incoloy 825 Strip has excellent corrosion resistance and performs well in various corrosive media, including sulfuric acid, hydrochloric acid, nitric acid and chloride.

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Size dimension range:

Wire: 0.01-10mm

Strip: 0.05*5.0-5.0*250mm

Bar: ϕ 4-50mm;Length 2000-5000mmPipe: ϕ 6-273mm; δ 1-30mm;Length 1000-8000mmSheet: δ 0.8-36mm;Width 650-2000mm;Length 800-4500mm

Incoloy series:800,800H,800HT,825

Feature:

1. Good corrosion resistance: Incoloy 825 Strip has excellent corrosion resistance and is resistant to a variety of corrosive media such as acids, alkalis and chlorides:
2. Good corrosion resistance: Incoloy 825 Strip has excellent corrosion resistance and has excellent resistance to a variety of corrosive media such as acid, alkali and chloride.
3. Resistance to stress corrosion cracking: The strip has good resistance to stress corrosion cracking and can maintain the integrity and reliability of the material in high temperature and high pressure environments.
4. Oxidation resistance: Incoloy 825 Strip exhibits excellent antioxidant properties and can be used for a long time in high temperature environments without oxidation failure.

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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