



Nickel Alloy Strip Incoloy 825 Strip For Optical Cable

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): 42%
- Resistance ($\mu\Omega\cdot m$): 1.15
- Powder Or Not: Not Powder
- Ultimate Strength ($\geq MPa$): 790
- Elongation ($\geq \%$): 30
- Density (g/cm^3): 8.4
- Application: Industrial, Construction, Building
- Surface: Bright
- Size: Customized
- Processing Service: Decoiling, Cutting, Bending
- Highlight: **Optical Cable Incoloy 825 Strip,
8.4 g/cm³ Nickel Alloy Strip,
42% Nickel Alloy Strip**



Our Product Introduction

Product Description

Introduction:

1. Incoloy 825 strip is a high-performance alloy strip known for its remarkable corrosion resistance and excellent mechanical properties.
2. It belongs to the family of nickel-iron-chromium alloys and is specifically designed to withstand challenging environments, including corrosive chemicals, extreme temperatures, and high-pressure conditions.
3. It is produced through precise manufacturing processes to ensure consistent quality and dimensional accuracy.
4. It finds wide-ranging applications in industries such as chemical processing, oil and gas, marine, nuclear power, and food processing.

Applications:

1. Chemical processing
2. Oil and gas industry
3. Marine and coastal applications
4. Nuclear power generation
5. Food processing

Size dimension range:

Wire: 0.01-10mm

Strip: 0.05*5.0-5.0*250mm

Bar: ϕ 4-50mm;Length 2000-5000mm

Pipe: ϕ 6-273mm; δ 1-30mm;Length 1000-8000mm

Sheet: δ 0.8-36mm;Width 650-2000mm;Length 800-4500mm

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

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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