



## High Tensile Incoloy 825 Strip Nickel Alloy Strip / Foil

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

### 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/cm<sup>3</sup>): 8.4 G/cm<sup>3</sup>
- Application: Industrial, Construction, Building
- Surface: Bright
- Size: Customized
- Processing Service: Decoiling, Cutting, Bending
- Highlight: Incoloy 800 Strip, 718 Inconel Strip



### Product Description

#### Introduction:

1. Incoloy 825 Strip is a high-performance alloy strip, which is a corrosion-resistant material composed of alloy elements such as nickel, chromium, copper and iron.
2. The tape has excellent corrosion resistance and performs well in a variety of corrosive media, including acidic, alkaline and chloride environments.
3. Incoloy 825 Strip also has excellent antioxidant and high temperature resistance properties, and can maintain good mechanical properties and structural stability under extreme conditions.
4. Therefore, it is widely used in the chemical industry, marine engineering, oil exploration and nuclear energy and other fields to manufacture corrosion-resistant equipment, marine structures, oil pipelines and key components of nuclear equipment.
5. Incoloy 825 Strip is a reliable material choice for engineering applications requiring high corrosion resistance and high temperature performance.

Our Product Introduction

**Application:**

1. Chemical processing plants: Incoloy 825 Strip is widely used in corrosion-resistant equipment such as reactors, distillation equipment, storage tanks and pipelines in the chemical industry.
2. Marine engineering: This strip has excellent corrosion resistance in marine environments and is suitable for seawater treatment equipment, seawater coolers, offshore platforms and ship components.
3. Oil and Gas Extraction: Incoloy 825 Strip is widely used in the field of oil and gas extraction for manufacturing oil well equipment, pipelines and storage tanks.
4. Chemical production: This material is suitable for devices that produce acidic and alkaline chemicals, such as sulfuric acid, hydrochloric acid, hydrofluoric acid, and sodium hydroxide.
5. Nuclear energy industry: Incoloy 825 Strip is used in nuclear reactor components and nuclear waste treatment equipment in nuclear power plants, which require corrosion resistance and high temperature performance.

**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



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu