



## Hastelloy Alloy Strip C22 Coil Nickel Alloy Strip With Fast Delivery

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: C-22
- Minimum Order Quantity: 5 Kg
- Price: 50 - 999 kilograms US\$45.00
- Packaging Details: Plastic film or waterproof woven bag inside, wire packed in spool put into carton,coil wire or strip wire put into wooden case
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



### Product Specification

- Product Name: Hastelloy Strip
- Type: Nickel Strip
- Grade: C22
- Ni (Min): 58
- Size: Customized Size
- Powder Or Not: Not Powder
- Ultimate Strength ( $\geq$  MPa): 763
- Elongation: 67%
- Application: Petroleum, Chemical Industry, Aviation, Shipbuilding
- Highlight: C22 Coil Nickel Alloy, Hastelloy Alloy Strip C22, Customized Hastelloy Alloy Strip



### Product Description

#### Product Description:

Hastelloy Strip - High Strength and Corrosion-Resistant Alloy

Hastelloy Strip is a highly versatile and sought-after alloy known for its exceptional strength, corrosion resistance, and high temperature capabilities. This strip is made from Hastelloy alloys, which are a family of nickel-based alloys that contain varying amounts of chromium, molybdenum, and tungsten. The most popular grade of Hastelloy alloy used in strip form is Hastelloy C22, which is renowned for its excellent resistance to a wide range of corrosive environments.

The Yield Strength of Hastelloy Strip is an impressive 310 MPa, making it suitable for a variety of demanding applications. With a Density of 8.22 G/cm<sup>3</sup>, this strip is relatively lightweight and can be easily formed into different shapes and sizes. It also has a Young's Modulus of 220 GPa, providing the necessary stiffness and strength for use in high-stress environments.

One of the key properties of Hastelloy Strip is its exceptional corrosion resistance. The combination of nickel, chromium, and molybdenum in the alloy provides excellent protection against a wide range of corrosive environments, including strong acids, alkaline

Our Product Introduction

solutions, and seawater. This makes it a preferred choice for use in chemical processing, aerospace, marine, nuclear, oil and gas, pharmaceutical, and power generation industries.

Additionally, Hastelloy Strip is highly resistant to high temperatures, making it suitable for use in extreme heat environments. It can maintain its mechanical properties even at temperatures reaching up to 1040°C, making it a popular choice for high-temperature applications such as furnace components, gas turbines, and heat exchangers.

The strip also has a low Magnetic Permeability of 1.00002, making it non-magnetic and suitable for use in applications where magnetic properties are a concern.

Hastelloy Strip is not a powder, which means it is readily available in a solid form and can be easily machined, welded, and formed into various shapes and sizes. This makes it a convenient and cost-effective option for many industries.

In conclusion, Hastelloy Strip is a highly reliable, versatile, and corrosion-resistant alloy that offers exceptional strength, resistance to high temperatures, and a wide range of applications. Its impressive combination of properties makes it a preferred choice for demanding environments, where traditional materials such as stainless steel or titanium fail to perform. With its exceptional performance and reliability, Hastelloy Strip is the top choice for many industries looking for a high-performance alloy that can withstand the most challenging environments.

## Features:

Product Name: Hastelloy Strip

Elongation: 40%

Hardness: HRB 89

Yield Strength: 310 MPa

Powder Or Not: Not Powder

Coefficient Of Thermal Expansion: 11.2 µm/m-K

Key Features:

Hastelloy alloys

High elongation

Excellent hardness

Strong yield strength

Not powder

Low thermal expansion

## Technical Parameters:

item	HC-276	C-22	C-4	B2	B3	N
C	≤0.01	≤0.015	≤0.015	≤0.02	≤0.01	0.04-0.08
Mn	≤1	≤0.5	≤1	≤1	≤3	≤1
Fe	4-7	2-6	≤3	≤2	≤1.5	≤5
P	≤0.04	≤0.02	≤0.04	≤0.04	--	≤0.015
S	≤0.03	≤0.02	≤0.03	≤0.03	--	≤0.02
Si	≤0.08	≤0.08	≤0.08	≤0.1	≤0.1	≤1
Ni	rest	rest	rest	rest	≤65	rest
Co	≤2.5	≤2.5	≤2	≤1	≤3	≤0.2
Ti+Cu	--	--	≤0.7	--	≤0.4	≤0.35
Al+Ti	--	--	--	--	≤0.5	≤0.5
Cr	14.5-16.5	20-22.5	14-18	≤1	≤1.5	6-8
Mo	15-17	12.5-14.5	14-17	26-30	≤28.5	15-18
B	--	--	--	--	--	≤0.01
W	3-4.5	2.5-3.5	--	--	≤3	≤0.5
V	≤0.35	≤0.35	--	0.2-0.4	--	≤0.5

Product	nickel alloy sheet
Material	Hastelloy/Nickel Alloy strip
Grade	Hastelloy:HastelloyB/ -2/B-3/C22/C-4/S/ C276/C-2000/G-35/G-30/X/N/g Hastelloy B / UNS N10001,Hastelloy B-2 / UNS N10665 / DIN W.Nr. 2.4617,Hastelloy C, Hastelloy C-4 / UNS N06455 / DIN W. Nr. 2.4610,Hastelloy C-22 / UNS N06022 / DIN W. Nr. 2.4602, Hastelloy C-276 / UNS N10276 / DIN W. Nr. 2.4819,Hastelloy X / UNS N06002 / DIN W. Nr. 2.4665
Thickness	Customized
Width	600mm, 1000mm, 1219mm, 1500mm, 1800mm, 2000mm, 2500mm, 3000mm, 3500mm, etc
Length	2000mm, 2440mm, 3000mm, 5800mm, 6000mm, etc
Standard	GB,AISI,ASTM,DIN,EN,SUS,UNS etc
Quality test	we can offer MTC(mill test certificate)
Delivery time	Usually 7-15 dyas, or upon negotiation

Keywords: Hastelloy C22, Hastelloy C276 price per kg, Hastelloy X price

## Applications:

Brand Name: Victory  
Model Number: C-22  
Place of Origin: China  
Melting Point: 1325-1370°C  
Tensile Strength: 690 MPa  
Electrical Resistivity: 1.2  $\mu\Omega\cdot\text{m}$   
Magnetic Permeability: 1.00002  
Powder Or Not: Not Powder

Hastelloy Strip, also known as Hastelloy C22, is a corrosion-resistant and high-temperature alloy widely used in various industrial applications. Developed by the Haynes International in the 20th century, Hastelloy C22 has become one of the most sought-after alloys in the market due to its exceptional properties.

Applications of Hastelloy Strip:

**Chemical Processing:** Hastelloy C22 is widely used in chemical reactors, heat exchangers, and piping systems due to its excellent resistance to corrosion from a wide range of chemicals such as sulfuric acid, hydrochloric acid, acetic acid, and more.

**Petrochemical Industry:** In the harsh environments of the petrochemical industry, where exposure to high temperatures, corrosive gases, and acids is common, Hastelloy Strip provides reliable and long-lasting performance.

**Pharmaceutical Industry:** Hastelloy C22 is widely used in the pharmaceutical industry for its high corrosion resistance to a wide range of chemicals used in the production process.

**Oil and Gas Industry:** With its high resistance to pitting, crevice corrosion, and stress corrosion cracking, Hastelloy C22 is an ideal choice for use in the oil and gas industry, especially in offshore platforms and pipelines.

**Aerospace and Defense:** The high strength and corrosion resistance of Hastelloy Strip make it an ideal material for use in aircraft components, military vehicles, and other defense applications.

Hastelloy C276 Price Per Kg:

The price of Hastelloy C276 varies depending on the market conditions, but it is generally considered a high-end alloy due to its exceptional properties. However, when compared to other high-performance alloys, Hastelloy C276 offers a cost-effective solution in the long run due to its durability and resistance to corrosion.

Hastelloy X and Hastelloy C276 Chemical Composition:

Hastelloy X and Hastelloy C276 are both part of the Hastelloy family, but they have different chemical compositions. Hastelloy X contains a higher percentage of nickel and molybdenum, making it more resistant to high temperatures and oxidation. On the other hand, Hastelloy C276 has a higher content of chromium and tungsten, making it more resistant to corrosion from a wide range of chemicals. Both alloys have their unique properties and are suitable for different applications.

In conclusion, with its exceptional properties and wide range of applications, Hastelloy Strip, also known as Hastelloy C22, is an ideal choice for use in high-temperature and corrosive environments. Its brand name, Victory, is a testament to its success in providing reliable and long-lasting solutions for various industrial needs.

## Customization:

Welcome to Victory Hastelloy Strip Customized Service

**Brand Name:** Victory  
**Model Number:** C-22  
**Place of Origin:** China  
**Hardness:** HRB 89  
**Thermal Conductivity:** 9.9 W/m·K  
**Electrical Resistivity:** 1.2  $\mu\Omega\cdot\text{m}$   
**Magnetic Permeability:** 1.00002  
**Elongation:** 40%

Our customized service is specifically designed for hastelloy alloy c276 strip, one of the most widely used hastelloy alloys in the market. With our expertise and experience, we are committed to providing high-quality and tailored solutions to meet your specific needs. Our hastelloy x price is competitive and we guarantee the best value for your investment.

Our hastelloy strip is made with superior quality materials and advanced manufacturing techniques, ensuring excellent performance and durability. We understand that every customer has unique requirements, and our team will work closely with you to customize the strip according to your desired specifications.

Our customized service includes:

Customized dimensions and sizes

Special surface finishes

Customized packaging and labeling

Additional testing and certifications

Customized chemical compositions

Special heat treatments

And more

With our customized service, you can be assured of getting the perfect hastelloy strip for your specific applications. Our team of experts will guide you through the entire process, from design to delivery, to ensure your complete satisfaction. We also offer prompt and reliable after-sales support to address any concerns or issues you may have.

Contact us today to learn more about our hastelloy strip customized service and get a quote for your unique requirements. We are dedicated to providing top-notch products and services to our customers, and we look forward to working with you to meet your needs.

**contact us**  
**email: [victory@dlx-alloy.com](mailto:victory@dlx-alloy.com)**

Oem service:

Welcome customized size

We are experience factory for OEM&ODM service

## Packing and Shipping:

### Packing and Shipping of Hastelloy Strip

Hastelloy Strip is typically packaged and shipped in the following ways:

Wrapped in plastic or paper and placed in wooden crates or boxes for protection during transport.

Packed in bundles or coils and secured with metal straps for easy handling and storage.

Customized packaging options are also available per customer's request.

For international shipping, Hastelloy Strip is usually packed in compliance with international shipping regulations and standards. This includes proper labeling, documentation, and packaging materials for safe and efficient transportation.

Our shipping options include air freight, sea freight, and land transportation, depending on the customer's preference and urgency of delivery.

At our company, we take great care in packaging and shipping our Hastelloy Strip to ensure its safe arrival at the destination. Our experienced logistics team and reliable shipping partners guarantee timely and secure delivery of your order.

## FAQ:

**Q: What is the brand name of this product?**

**A:** The brand name of this product is Victory.

**Q: What is the model number of this product?**

A: The model number of this product is C-22.

**Q: Where is this product manufactured?**

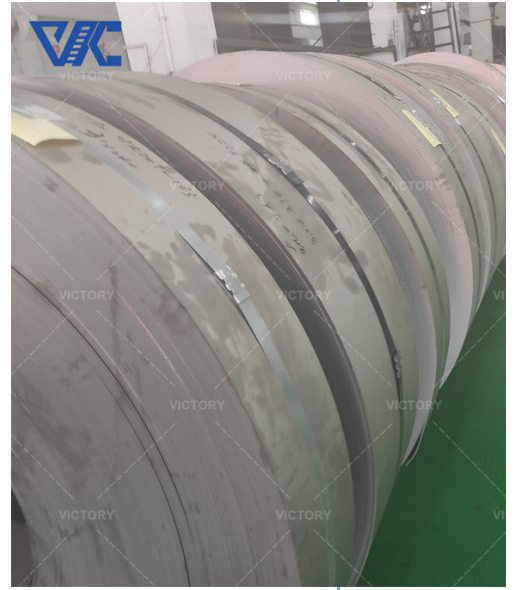
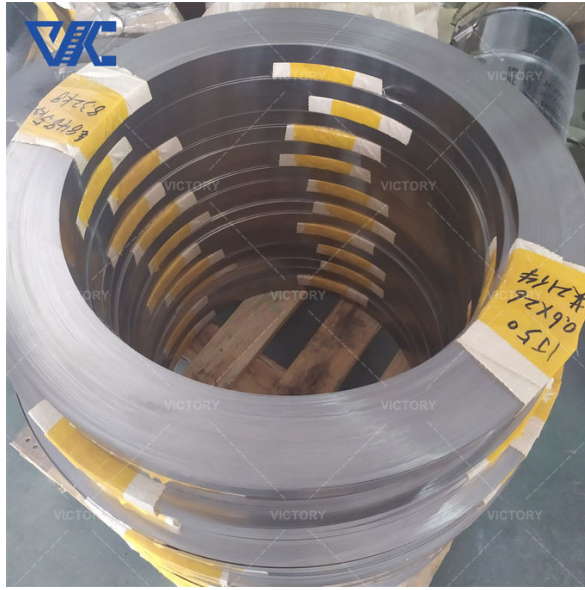
A: This product is manufactured in China.

**Q: What is the material used to make this product?**

A: This product is made of Hastelloy.

**Q: What are the dimensions of this product?**

A: The dimensions of this product can vary depending on the specific requirements of the customer.



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