



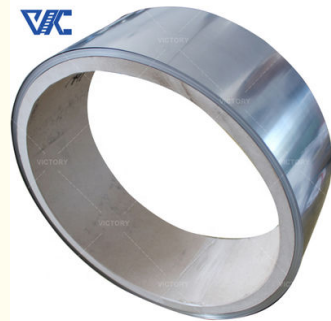
High Performance Hastelloy C22 Strip For Industrial Applications

Our Product Introduction

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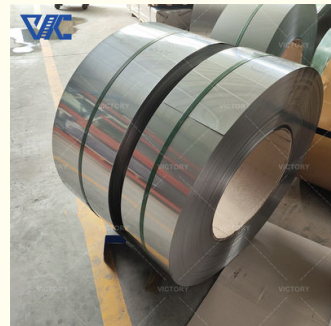
Basic Information

- 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: **Hastelloy C22 Strip,**
Industrial Hastelloy C22 Strip



Product Description

Product Description:

Hastelloy Strip - High Strength and Corrosion-Resistant Alloy

The advantage of Hastelloy C22 strip is its excellent corrosion resistance and thermal stability. It can resist the erosion of various corrosive media, including strong acid, strong alkali and oxidizing media. In high temperature and high pressure environments, Hastelloy C22 strips remain stable, not prone to deformation and damage, and have a long life. In addition, it has good mechanical strength and weldability, and is suitable for various complex processing techniques. Therefore, Hastelloy C22 strip is widely used in the chemical, petroleum and offshore engineering fields to manufacture equipment and components with high corrosion resistance requirements.

Parameters:

Our Product Introduction

Chemical composition: Hastelloy C22 strip is mainly composed of nickel (Ni), chromium (Cr), molybdenum (Mo) and trace amounts of copper (Cu), iron (Fe) and other elements. Among them, the nickel content is about 50%, the molybdenum content is about 13%, the chromium content is about 22%, and the copper and iron content are very low.

Density: The density of Hastelloy C22 tape is approximately 8.69 grams/cubic centimeter.

Tensile Strength: The tensile strength of Hastelloy C22 strip typically ranges from 690 to 760 megapascals (MPa).

Yield Strength: The yield strength of Hastelloy C22 strip typically ranges from 310 to 350 megapascals (MPa).

Elongation: The elongation of Hastelloy C22 tape is typically between 45% and 55%.

Advantage:

1. Excellent corrosion resistance: Hastelloy C22 strip has excellent corrosion resistance and performs well in acidic, alkaline and oxidizing media. It can resist erosion and corrosion from corrosive media, including sulfuric acid, hydrochloric acid, chloride solution, nitric acid, etc.
2. High temperature performance: Hastelloy C22 strip can maintain its corrosion resistance and mechanical properties in high temperature environments. It has a low coefficient of thermal expansion and can maintain dimensional stability under high temperature conditions.
3. Excellent mechanical properties: Hastelloy C22 strip has high strength, good plasticity and toughness. It can be plastically deformed and formed through cold working and hot working.
4. Resistance to stress corrosion cracking: Hastelloy C22 strip has excellent resistance to stress corrosion cracking and can operate stably for a long time in a stress corrosion environment.

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 days, or upon negotiation |

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

Applications:

1. Chemical industry: used to manufacture corrosion-resistant equipment, reactors, corrosive medium storage tanks and other chemical equipment.
 2. Petroleum industry: used in the manufacture of petroleum refining equipment, cracking furnaces, storage tanks and other equipment that require high corrosion resistance.
 3. Electric power industry: used to manufacture corrosion-resistant equipment such as gas desulfurization devices and flue gas denitrification devices.
 4. Marine engineering: used to manufacture offshore platforms, seawater desalination equipment, offshore oil extraction equipment and other equipment that require corrosion-resistant materials in the marine environment.
- Overall, Hastelloy C22 strip is widely used for its excellent corrosion resistance, high temperature performance, mechanical properties and resistance to stress corrosion cracking. It is widely used in chemical industry, petroleum, electric power, marine engineering and other fields to manufacture parts and equipment that require high corrosion resistance.

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

Oem service:

Welcome customized size

We are experience factory for OEM&ODM service

FAQ:

What are the characteristics of Hastelloy C22 strip?

Hastelloy C22 strip has excellent corrosion resistance, especially in acidic environments and high temperatures. It also has excellent resistance to oxidation and stress corrosion cracking.

What is the oxidation resistance of Hastelloy C22 tape?

Hastelloy C22 tape has excellent oxidation resistance and can maintain stable performance in high temperature and oxygen environments.

What are the specific cases of application fields of Hastelloy C22 strip?

Hastelloy C22 strip is commonly used in the manufacture of chemical equipment, pipes and valves in acidic environments, seawater treatment equipment, petroleum processing equipment, etc.



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