



Cold Roll ASTM B575 DIN 17750 Nickel Alloy Hastelloy C22 Strip

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

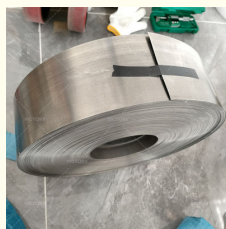


Product Specification

- 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: **Nickel Alloy Hastelloy C22 Strip,
DIN 17750 Hastelloy C22 Strip,
ASTM B575 Hastelloy C22 Strip**



More Images



Product Description

Product Description:

Hastelloy Strip - High Strength and Corrosion-Resistant Alloy

Hastelloy C22 alloy strip has excellent mechanical properties and processing properties. It has good weldability and processability, and can be formed and processed by various common processing methods, such as cold rolling, hot rolling, cold drawing and welding, etc. C22 alloy strip has good formability and can be made into strips of different shapes and sizes as needed to meet the requirements of different applications. In addition, the high strength and excellent wear resistance of C22 alloy strip give it good durability and can be used

Our Product I

for a long time under harsh working conditions without being easy to wear or deform.

Characteristic:

Hastelloy C22 strip is a high-performance corrosion-resistant alloy strip, which is a nickel-based alloy. It has excellent corrosion resistance and is widely used in chemical industry, petroleum, electric power, marine engineering and other fields.

1. Corrosion resistance: Hastelloy C22 strip has excellent corrosion resistance and is able to perform well in extremely corrosive environments. It has high corrosion resistance to a variety of corrosive media, including acidic, alkaline and oxidizing media, such as sulfuric acid, hydrochloric acid, chloride solution, nitric acid, etc.

2. High temperature performance: Hastelloy C22 strip performs well in high temperature environments, maintaining its corrosion resistance and mechanical properties. It has a low thermal expansion coefficient and can maintain dimensional stability under high temperature conditions. Therefore, it is widely used in high-temperature corrosive environments.

3. Mechanical properties: Hastelloy C22 strip has good mechanical properties, including high strength, excellent plasticity and toughness. It can be plastically deformed and formed through cold working and hot working to achieve the required size and shape.

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. This makes it widely used in fields such as the chemical and petroleum industries that require high stress corrosion resistance.

5. Welding performance: Hastelloy C22 strip has good welding performance and can be welded by common welding methods, such as TIG welding, MIG welding and arc welding. The strength and corrosion resistance of the welded joint are equivalent to those of the base material.

Overall, Hastelloy C22 strip is known 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 corrosion-resistant equipment, reactors, gas desulfurization devices, corrosive medium storage tanks and other parts and equipment that require corrosion resistance.

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

Excellent corrosion resistance:

Hastelloy C22 alloy strip has excellent corrosion resistance and has the following characteristics:

Strong acid environment: Hastelloy C22 alloy strip has excellent corrosion resistance against strong acids, including concentrated sulfuric acid, concentrated hydrochloric acid, nitric acid, etc. It can resist the erosion of acidic media and is not prone to corrosion and damage.

Strong alkali environment: Hastelloy C22 alloy strip also has good corrosion resistance in strong alkali environment. It can withstand the erosion of strong alkaline media such as concentrated sodium hydroxide and potassium hydroxide.

Salt solution environment: Hastelloy C22 alloy strip shows good corrosion resistance to salt solutions, including chloride, bromide,

hydrofluoric acid, etc. It resists corrosion from salt solutions and maintains material integrity and performance stability.
Oxidizing environment: Hastelloy C22 alloy strip can maintain good corrosion resistance in oxidizing environments. It is resistant to erosion by oxidizing media, including oxidation in high-temperature air.
Generally speaking, Hastelloy C22 alloy strip is widely used in chemical, petroleum, pharmaceutical and other fields due to its excellent corrosion resistance. It can maintain material integrity and reliability in harsh corrosive environments and has a long service life.

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 $\mu\Omega$ -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 material is Hastelloy C22 strip made of?

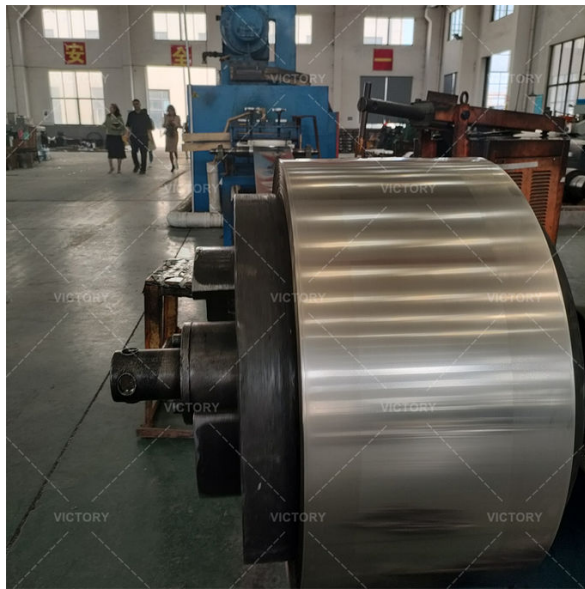
Hastelloy C22 strip is a nickel-based alloy containing chromium, molybdenum and other alloying elements.

What is the resistivity of Hastelloy C22 strip?

Hastelloy C22 strip has a resistivity of approximately 1.2 $\mu\Omega$ -m.

Can Hastelloy C22 tape be used in high temperature environments?

Yes, Hastelloy C22 strip has good high temperature corrosion resistance and can work stably in high temperature environments.



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