



Hastelloy Alloy Tube C276 C22 B2 ISO PED Nickel Alloy Pipe

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: HC-276, C-22, C-4, B2, B3, N
- Minimum Order Quantity: 5 Kg
- Price: 10 - 99 kilograms \$35.00
- Packaging Details: Hastelloy alloy are rolled and packed with plastic film, or in wooden boxes. Special packaging requirements can also be accommodated. OEM is also acceptable
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

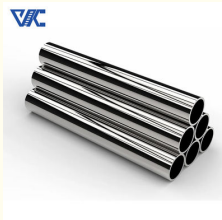


Product Specification

- Product Name: Hastelloy Alloy Pipe
- Material: Ni Cr Mo
- Ni (Min): 55%
- Temperature Range: 1260~1355
- Resistance ($\mu\Omega\cdot m$): 1.15
- Powder Or Not: Not Powder
- Ultimate Strength (\geq MPa): 790
- Elongation (\geq %): 30%
- Electric Density (g/m³)
Resistivity 24 : 8.4g/cm³
- Surface: Bright, Oxided
- Size: Customized Size
- Application: Aerospace Industry, Chemical Industry, Marine Industry
- Highlight: Tube Alloy C276, PED Nickel Alloy Pipe



More Images



Product Description

Our Product Introduction



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HASTELLOY ALLOY TUBE

HC-276,C-22,C-4,B2,B3,N

Customized service available

Hastelloy is a nickel-based corrosion-resistant alloy, which is mainly divided into two categories: nickel-chromium alloy and nickel-chromium-molybdenum alloy. Hastelloy has good corrosion resistance and thermal stability, and is mostly used in aviation, chemical fields, etc.

Hastelloy is composed of elements such as Ni, Cr, Mo, Fe, Si, etc. It is Ni-Mo series, Ni-Cr-Mo series and Ni-Si series corrosion-resistant and heat-resistant alloys in nickel-based alloys. Its density 9.2g/cm, melting point 1330-1380°C, magneti permeability≤1.001(°C, RT).

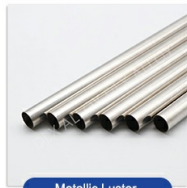
Hastelloy grades: Hastelloy C276, Hastelloy C22, Hastelloy C-2000, Hastelloy C-4, Hastelloy C, Hastelloy B, Hastelloy B-2, Hastelloy B-3, Hastelloy X, Hastelloy G-30, Hastelloy G-35, etc. UNS N10276, UNS N06022, UNS N06200, UNS N10665, UNS N10675, UNS N06030, UNS N06002, etc. Hastelloy seamless pipes, steel plates, round bars, forgings, flanges, H-rings, welded pipes, steel strips, straight bars, wires and supporting welding consumables, processed parts, etc.

item	HC-276	C-22	C-4	B2	B3	
C	≤0.01	≤0.015	≤0.015	≤0.02	≤0.01	0.0
Mn	≤1	≤0.5	≤1	≤1	≤3	
Fe	4-7	2-6	≤3	≤2	≤1.5	
P	≤0.04	≤0.02	≤0.04	≤0.04	--	≤
S	≤0.03	≤0.02	≤0.03	≤0.03	--	≤
Si	≤0.08	≤0.08	≤0.08	≤0.1	≤0.1	
Ni	rest	rest	rest	rest	≤65	
Co	≤2.5	≤2.5	≤2	≤1	≤3	
Ti+Cu	--	--	≤0.7	--	≤0.4	≤
Al+Ti	--	--	--	--	≤0.5	
Cr	14.5-16.5	20-22.5	14-18	≤1	≤1.5	
Mo	15-17	12.5-14.5	14-17	26-30	≤28.5	≤
B	--	--	--	--	--	≤
W	3-4.5	2.5-3.5	--	--	≤3	
V	≤0.35	≤0.35	--	0.2-0.4	--	

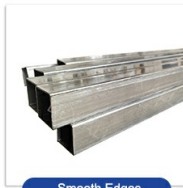
Hastelloy	Density g/cm3	Melting point	Elongati on A5 %	Tensile Strength Rm N/mm2	Yield Streng RP0.2N/mm
C-276	8.9	1325-1370	62	758	363
C-22	8.9	1325-1370	40	690	283
C-2000	8.5	1399 2550°F	45	690	283
B-2	9.2	1330-1380	40	745	325
B-3	9.22	1370-1418	40	760	350
G-30	8.22	1399 2550°F	62	524	200
X	8.3	1260-1355	30	690	/
C-4	8.64	399°C 2550°F	40	690	280
G-35	8.22	1370-1400	/	/	/
C	8.94	1330-1380	40	690	310

Product Details

High-quality materials and surface treatment technology



Metallic Luster



Smooth Edges



Product Comparison

The quality of our products has been strictly tested and guaranteed



OTHERS



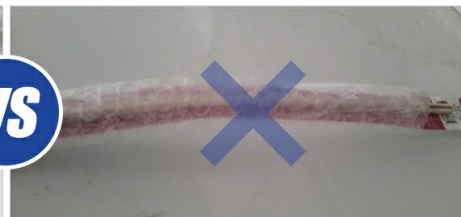
Smooth And Shiny Surface



Product Surface Rust



Product Quality Strict Inspection



Product Deformation

Application Field

Hastelloy alloy tubes are widely used in many fields



Chemical Industry



Aerospace Field



Marine Engineering



Nuclear Industry



Petrochemical Industry



Device Field



Food Industry

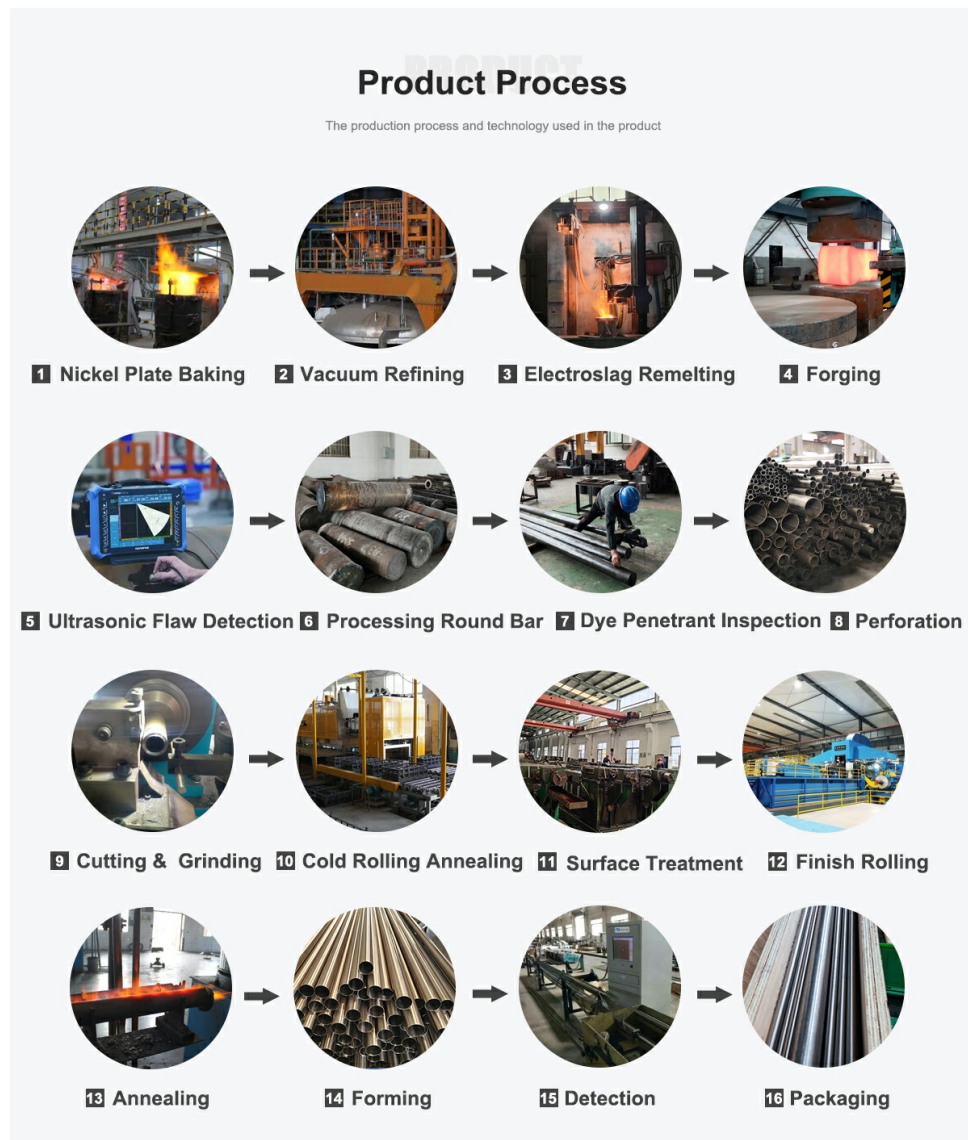


Solar Industry

Hastelloy alloy tubes are widely used in various fields due to their excellent corrosion resistance, high temperature strength, and good fabricability. The application areas of Hastelloy alloy tubes include but are not limited to the following:

1. Chemical industry: Hastelloy alloy tubes can be used for the production and transportation of strong acids, alkalis, and other corrosive media, as well as in chemical processing equipment such as reactors, heat exchangers, and evaporators.

2. Aerospace industry: Due to the excellent high temperature performance and corrosion resistance of Hastelloy alloy, it is widely used in aerospace applications such as jet engines and rocket components.
 3. Marine engineering: Hastelloy alloy tubes have excellent corrosion resistance to seawater, so they are widely used in offshore oil platforms, seawater desalination, and shipbuilding.
 4. Power generation industry: Hastelloy alloy tubes can be used in power generation equipment such as boilers, heat exchangers, and condensers due to their high temperature strength and corrosion resistance.
 5. Pharmaceutical industry: Hastelloy alloy tubes have good biocompatibility and can be used in pharmaceutical production equipment and clean rooms.
- In summary, Hastelloy alloy tubes have a wide range of applications in various fields such as chemical, aerospace, marine, power generation, and pharmaceutical industries due to their excellent corrosion resistance, high temperature strength, and good fabricability.

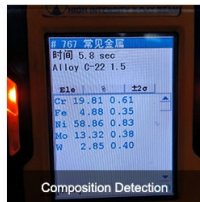




PRODUCT

Product Comparison

The quality of our products has been strictly tested and guaranteed



Composition Detection



Composition Detection



Measuring Instrument



Micro Hardness Tester



Micro Hardness Tester



Tensile Test Equipment

PRODUCT

OEM Services

We can provide customized services for customers

Product Customization

Size: custom made

We can customize hastelloy alloy tubes of any size and thickness.



Label Customization



We can provide label customization service for customers' products.

PRODUCT

Recommended Products

Click to learn more about related products



Nickel Strip



Nickel Wire



Nickel Bar



Nickel Tube



Incoloy Bar



Incoloy Tube

20+

Industry Experience

50+

Certifications

1000+

Metal Products

2000+

Cooperative Business

Company Profile

We are a leading alloy metal manufacturer founded in 2002, providing high-quality and high-performance alloy products and services to our customers. Our company is dedicated to becoming the industry leader in the alloy field, and we have received multiple industry certifications and awards, including the ISO9001 International Quality Management System Certificate and the SGS Certificate.

Over the past 18 years, we have focused on the resistance alloy business and continuously innovated and explored, ultimately developing new nickel-based alloy products such as chromium-nickel-iron alloy, Monel alloy, Hastelloy alloy, high-temperature alloy, and more.



Our Advantages

Our advantages can provide customers with better service



HIGH QUALITY



SUPER ELASTICITY



HIGH STRENGTH



BRAND EFFECT



PROFESSIONAL FACTORY



TECHNICAL SUPPORT



R&D INNOVATION SERVICES



AFTER-SALES SERVICE



ISO CERTIFICATION



EFFICIENT LOGISTICS SERVICE

Our Certifications

Our products have obtained national standard certification





Our Partners

We have established long-term cooperative relationships
with many partners



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