Manufactory Direct Sale Small Diameter Pure Nickel Pipe For Vacuum Coating

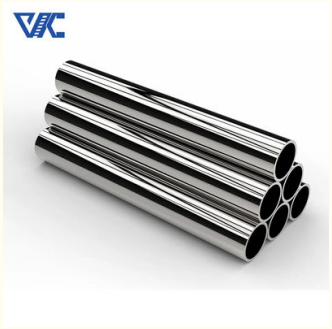
Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Ni200 Ni201
- Minimum Order Quantity: 1 Kg
- Price: 10 - 499 kilograms $45.00
- Packaging Details: Spool package with Carton box, Coil package with polybag,
- 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: Nickel Pipe
- Grade: Ni200 Ni201
- Material: Nickel
- Ni (Min): 99.9%
- Melting Point: 1370-1425 ℃
- Ultimate Strength (MPa): ≥790
- Resistance (μΩ.m): 1.15
- Elongation (≥ %): 30
- Surface: Bright
- Application: Extreme Environment Industry
- MOQ: 1 Kg
- Size: Customized Size
- Highlight: **99.5% Pure Nickel tubing**, **N6 Pure Nickel tubing** , **16mm nickel alloy tube**



More Images

Our Product Introduction

Product Description

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PURE NICKEL TUBE

N4,N6,Ni200,Ni201

Customized service available

Material: pure nickel and nickel alloy
Grade: (Chinese) N4 N6 ; (American) Ni201 Ni200
Type: Nickel Pipe,Seamless,welding tube
Dimensions: Wall Thickness 1mm min. accept customized

Features:

(1)Low Density and High Specification Strength
(2)Excellent Corrosion Resistance
(3)Good resistance to effect of heat
(4)Excellent Bearing to cryogenic property
(5)Nonmagnetic and Non-toxic

Characteristic and Differences:

Nickel 200 is commercially pure wrought nickel. It is highly resistant to various reducing chemicals. It can also be used in oxidizing conditions that cause the formation of a passive oxide film, for instance its unexcelled resistance to caustic alkalis.

Nickel 200 is limited to service at temperatures below 315ºC, because at higher temperatures it suffers from graphitization which results in severely compromised properties. In that circumstance, Nickel 201 is used instead. It has a high Curietemperature and good magnetostrictive properties. Its thermal and electrical conductivities are higher than nickel alloys.

Nickel 201 is the low-carbon version of Nickel 200. Because of its low carbon content, Nickel 201 is not subject to embrittlement by intergranularly precipitated carbon or graphite when exposed to temperatures of 315 to 760ºC for prolonged time if carbonaceous materials are not in contact with it. Therefore, it is a substitute for Nickel 200 in Applications above 315ºC. However it does suffer from intergranular embrittlement by sulfur compounds at temperatures above 315ºC. Sodium peroxide can be used to change them to sulfates to counteract their effect.

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P
N4	99.8	0.015	0.03	0.002	0.01	0.01	0.001	0.001
N6	99.6	0.10	0.10	0.05	0.10	0.10	0.005	0.002
Ni201	≥99.0	≤0.25	≤0.35	≤0.35	≤0.02	/	≤0.01	/
Ni200	≥99.2	≤0.25	≤0.35	≤0.35	≤0.15	/	≤0.01	/

Product Details

High-quality materials and surface treatment technology

Product Name	pure nickel price per kg nickel 200 tubes
Type	Cold drawn, Hot rolled, Forged,
Shape	Round
Standard	GB,AISI,ASTM,DIN,EN,JIS
Grade	Stainless steel 304 / 304L / 310S / 316L / 316Ti / 316LN / 317L / 904L / 2205 / 2507 / 32760 / XM-19 / S31803 / S32750 / S32205 / F50 / F60 / F55 / F60 / F61 / F65 etc

	Monel 400 / Monel K-500	
	Inconel 600 / Inconel 601 / Inconel 625 / Inconel 617 / Inconel 690 / Inconel 718 / Inconel X-750	
	Incoloy A-286 / Incoloy 800 / Incoloy 800H / Incoloy 800HT	
	Incoloy 825 / Incoloy 901 / Incoloy 925 / Incoloy 926	
	Nimonic 75 / Nimonic 80A / Nimonic 90 / Nimonic 105 / Nimonic C263 / L-605	
	Hastelloy B / Hastelloy B-2 / Hastelloy B-3 / Hastelloy C / Hastelloy C-276 / Hastelloy C-22	
	Hastelloy C-4 / Hastelloy C-2000 / Hastelloy G-35 / Hastelloy X / Hastelloy N	
	PH stainless steel 15-5PH / 17-4PH / 17-7PH	
Diameter	6mm - 600mm	
Finish	Bright, Pickling, Black, Polished	
Packing	Wooden box, Waterproof polybag	
Inspection	TUV,BV,ABS,LR and so on	
Application	Construction, shipbuilding, Chemical, Pharmaceutical & Bio-Medical, Petrochemical & Refinery, Environmental, Food Processing, Aviation, Chemical Fertilizer, Sewage Disposal, Desalination, Waste Incineration etc.	
Processing Service	Machining : Turning / Milling / Planing / Drilling / Boring / Grinding / Gear Cutting / CNC Machining	
	Deformation processing : Bending / Cutting / Rolling / Stamping	
	Forged	

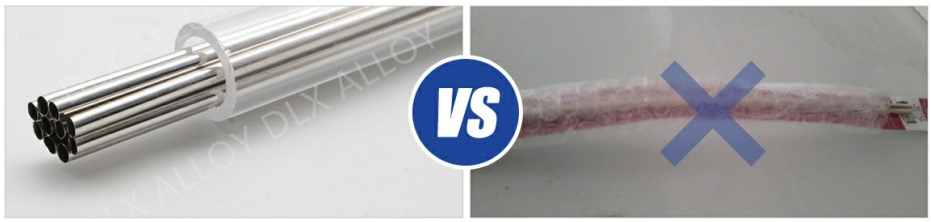
Product Comparison

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

Nickel tube are widely used in many fields

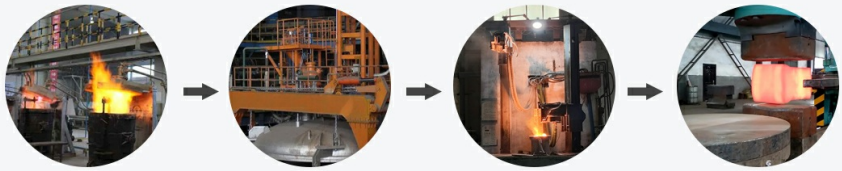
Pure nickel tubes are widely used in various fields due to their excellent corrosion resistance, high temperature strength, and conductivity. These fields include:

1. Chemical industry: Pure nickel tubes are used in the chemical industry to manufacture reactors, heat exchangers, storage tanks, pipelines, and valves, which can withstand harsh environments such as strong acids, strong alkalis, and high temperatures.
2. Aerospace industry: Pure nickel tubes are used in the aerospace industry to manufacture aircraft engines, rocket engines, gas turbines, and other high-temperature and high-pressure equipment, which can withstand high-temperature corrosion and high-stress environments.
3. Nuclear energy industry: Pure nickel tubes are used in the nuclear energy industry to manufacture fuel elements, fuel rods, and cooling tubes in nuclear reactors, which can withstand high temperatures, high pressures, and radiation environments.
4. Electronics industry: Pure nickel tubes are used in the electronics industry to manufacture semiconductor devices, vacuum tubes, optoelectronic devices, and electron tubes, which can provide excellent electrical and thermal conductivity.

In summary, pure nickel tubes are a high-performance metal material with a wide range of applications.

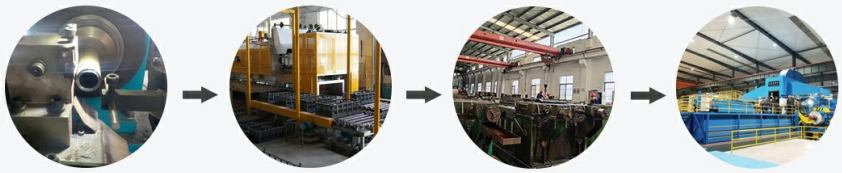
Product Process

The production process and technology used in the product



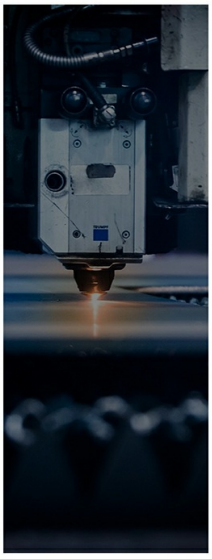
1 Nickel Plate Baking 2 Vacuum Refining 3 Electroslag Remelting 4 Forging

5 Ultrasonic Flaw Detection 6 Processing Round Bar 7 Dye Penetrant Inspection 8 Perforation



9 Cutting & Grinding 10 Cold Rolling Annealing 11 Surface Treatment 12 Finish Rolling

13 Annealing 14 Forming 15 Detection 16 Packaging



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

OEM Services

We can provide customized services for customers

Product Customization

Size: custom made

We can customize pure nickel tubes of any size and thickness.

Label Customization

We can provide label customization service for customers' products.

Recommended Products

Click to learn more about related products

Nickel Strip

Nickel Wire

Nickel Bar

Monel Tube

Incoloy Bar

Hatelloy Alloy Tube

20+	50+	1000+	2000+
Industry Experience	Certifications	Metal Products	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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