



Pure Nickel Wire N6 Nickel Wire Ni 200/201 Wire

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO9001,ROHS
- Model Number: N4,N6,Ni200,Ni201
- Minimum Order Quantity: 1KG
- Price: 5 - 99 kilograms US\$45.00
- Packaging Details: Spool package with Carton box, Coil package with polybag,
- Delivery Time: 7-25 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Product Name: Pure Nickel Wire
- Grade: N4,N6,Ni200,Ni201
- Material: Ni
- Elongation (\geq %): 35%
- Ni(min): 99%
- Shape: Wire
- Size: 0.025-10mm
- Ultimate Strength (\geq MPa): 462
- Resistance ($\mu\Omega\cdot m$): 15
- Melting Point: 1435-1446°C
- Tensile Strength Ksi (min): 462
- Hardness: S,1/4H,1/2H,3/4H,H
- Application: Industry,Electronic
- M.O.Q: 1KG
- Delivery: 7-25 Days



More Images



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Product Description

Introduction:

1. Introducing our pure nickel wire, a customizable and high-quality product designed to meet your specific requirements.
2. Crafted from highly pure nickel metal, this wire offers exceptional properties and can be tailored to suit various applications.
3. With our customizable options, you have the flexibility to specify the diameter, length, and surface finish of the pure nickel wire to meet your exact needs.
4. Whether you require a fine diameter wire for intricate electronic circuitry or a thicker gauge wire for robust industrial applications, we can provide a solution that matches your specifications.

Characteristics:

1. **High Temperature Stability:** Pure nickel wire maintains its physical and chemical properties even at high temperatures, making it suitable for use in high-temperature applications.
2. **Versatility:** Pure nickel wire finds applications in a wide range of industries, including electronics, aerospace, chemical processing, and jewelry making, due to its unique combination of properties.
3. **Reliability:** Pure nickel wire is known for its reliability and long service life, ensuring consistent performance in demanding environments.
4. **Biocompatibility:** Pure nickel wire is biocompatible, making it suitable for use in medical and healthcare applications.

Specification:

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P	Fe
N4	99.9	≤0.015	≤0.03	≤0.002	≤0.01	≤0.01	≤0.001	≤0.001	≤0.04
N6	99.5	0.10	0.10	0.05	0.10	0.10	0.005	0.002	0.10
Ni201	≥99.9	≤0.25	≤0.35	≤0.35	≤0.02	/	≤0.01	/	≤0.40
Ni200	≥99.6	≤0.25	≤0.35	≤0.35	≤0.15	/	≤0.01	/	≤0.40

Physical Data	
Density	8.89g/cm ³
Specific Heat	0.109(456 J/kg.°C)
Electrical Resistivity	0.096×10 ⁻⁶ ohm.m
Melting Point	1435-1446°C
Thermal Conductivity	70.2 W/m-K
Mean Coeff Thermal Expansion	13.3×10 ⁻⁶ m/m.°C
Typical Mechanical Properties	
Mechanical Properties	Nickel 200
Tensile Strength	462 Mpa
Yield Strength	148 Mpa
Elongation	47%



Shape	Size(mm)
Wire	0.025-10
Ribbon	(0.05-0.2)*(0.5-6)
Strip	(0.05-0.5)*(5-200)



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu