



99.99% Nickel200 Nickel Pure Ni Wire Np1 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: \$200-\$300/kg
- 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 (≥ %): 35%
- Ni(min): 99%
- Shape: Wire
- Size: 0.025-10mm
- Ultimate Strength (≥ MPa): 462
- Resistance (μΩ.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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Introduction:

1. Introducing the 0.025mm pure nickel wire, a fine and versatile product with a wide range of applications.
2. This ultra-fine wire, crafted from highly pure nickel metal, offers exceptional properties that make it an invaluable component in various industries.
3. With its precise diameter of 0.025mm, this pure nickel wire provides flexibility and adaptability in applications that demand intricate and delicate designs.
4. It finds extensive use in the electronics industry, where it serves as a conductor in microelectronics, integrated circuits, and compact electrical connections.
5. Its high corrosion resistance ensures long-lasting performance in demanding electronic environments.

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%

Q&A:

- Q: How is the quality of 0.025mm pure nickel wire assessed during production?
 A: The quality of 0.025mm pure nickel wire is assessed through visual inspections, mechanical tests like tensile strength, and chemical composition analysis.
- Q: What measures are taken to ensure the consistency of diameter in 0.025mm pure nickel wire?
 A: Strict manufacturing processes and precision equipment are utilized to ensure the consistent diameter of 0.025mm pure nickel wire. Regular monitoring and calibration of machinery are performed to maintain accuracy.
- Q: How is the corrosion resistance of 0.025mm pure nickel wire tested?
 A: The corrosion resistance of 0.025mm pure nickel wire is typically evaluated through accelerated corrosion tests, exposing the wire to corrosive environments for a specific duration and analyzing any signs of corrosion or degradation.



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



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