



Nickel Wire Price Per Meter Nickel Wire 99.6% Ni200

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 ($\mu\Omega.m$): 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



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Product Description

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Introduction:

1. Pure nickel wire is known for its ductility and malleability, which means it can be easily shaped and formed into different configurations without compromising its structural integrity.
2. This versatility makes it ideal for applications in jewelry making, artistic wirework, and precision instrumentation.
3. Moreover, pure nickel wire possesses high temperature stability, maintaining its physical and chemical properties even at elevated temperatures.
4. This property makes it well-suited for applications in high-temperature environments such as aerospace and aviation.
5. Pure nickel wire stands as a reliable and versatile material, offering corrosion resistance, electrical and thermal conductivity, ductility, and high temperature stability.

Q&A:

Q: Can the diameter of the 0.025mm pure nickel wire be customized?

A: No, the diameter of the 0.025mm pure nickel wire is fixed at 0.025mm. If you require a different diameter, we offer a range of other sizes that can be customized to meet your specific needs.

Q: Is it possible to customize the length of the 0.025mm pure nickel wire?

A: Yes, the length of the 0.025mm pure nickel wire can be customized according to your requirements. We can provide the wire in specific lengths to suit your project needs.

Q: Can the surface finish of the 0.025mm pure nickel wire be customized?

A: Yes, the surface finish of the 0.025mm pure nickel wire can be customized. We offer options such as bright, polished, or matte finishes to meet your aesthetic or functional preferences.

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)



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