



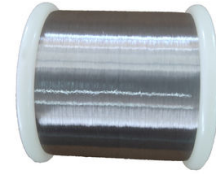
## Original Factory 99.99% Pure Nickel Wire 0.025-10mm With Price Per Meter

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

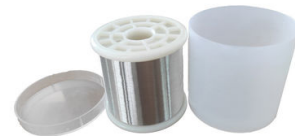
### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO9001,ROHS
- Model Number: N4,N6,Ni200,Ni201
- Minimum Order Quantity: 1KG
- Price: \$20-\$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

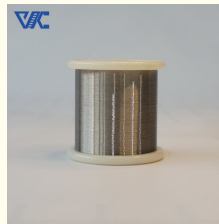
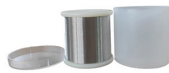


### Product Specification

- Product Name: Pure Nickel Wire
- Grade: N4,N6,Ni200,Ni201
- Material: Ni
- Elongation ( $\geq$  %): 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



### More Images



### Product Description

#### Product Description:

Pure nickel wire is a high-purity metal wire material composed of nickel element with a purity of more than 99.9%. It has excellent chemical stability, corrosion resistance and high temperature oxidation resistance, and is widely used in many fields.

#### Main feature:

High purity: Pure nickel wire is made of high-quality nickel material with a purity of over 99.9%, ensuring the stability and reliability of the product.

Corrosion resistance: Pure nickel wire has excellent corrosion resistance and shows excellent stability in corrosive media such as acids, alkalis, and salts.

High-temperature anti-oxidation performance: Pure nickel wire exhibits excellent anti-oxidation performance in high-temperature environments and can operate stably in high-temperature environments for a long time.

Excellent electrical conductivity: Pure nickel wire has good electrical conductivity and can be widely used in electronic, electrical and electromagnetic fields.

Our Product Introduction

Easy processability: Pure nickel wire has good plasticity and processability, and can be cut, welded, formed and other processing operations according to actual needs.

Main application areas:

Electronic industry: Pure nickel wire can be used to manufacture resistors, capacitors, electron tubes, electric heating devices and other electronic components, and is widely used in communication equipment, electronic instruments, household appliances and other fields.

Chemical industry: Pure nickel wire is used in the chemical industry as an anti-corrosion material for corrosive media such as catalysts, storage tanks, pipes and valves.

High-temperature field: Pure nickel wire has important applications in the high-temperature field and can be used to manufacture high-temperature stoves, high-temperature heating elements, and high-temperature sensors.

Medical devices: Pure nickel wire is used in the field of medical devices to make artificial joints, dental equipment, and medical guide wires. It is favored because of its good biocompatibility.

#### Specification

Grade	Ni+Co	Cu	Si	Mn	C	Mg	S	P	Fe
N4	99.8	0.015	0.03	0.002	0.01	0.01	0.001	0.001	0.04
N6	99.6	0.10	0.10	0.05	0.10	0.10	0.005	0.002	0.10
Ni201	≥99.0	≤0.25	≤0.35	≤0.35	≤0.02	/	≤0.01	/	≤0.40
Ni200	≥99.2	≤0.25	≤0.35	≤0.35	≤0.15	/	≤0.01	/	≤0.40

#### Physical Data

Density	8.89g/cm <sup>3</sup>
Specific Heat	0.109(456 J/kg.°C)
Electrical Resistivity	0.096×10 <sup>-6</sup> ohm.m
Melting Point	1435-1446°C
Thermal Conductivity	70.2 W/m-K
Mean Coeff Thermal Expansion	13.3×10 <sup>-6</sup> m/m.°C

#### Typical Mechanical Properties

Mechanical Properties	Nickel 200
Tensile Strength	462 Mpa
Yield Strength	148 Mpa
Elongation	47%

#### Our Production Standard

	Bar	Forging	Pipe	Sheet/Strip
ASTM	ASTM B160	ASTM B564	ASTM B161/B163/B725/B751	AMS B162



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