



## ASTM B164 DIN 17752 Pure Nickel Alloy Hardness 1/2H

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Pure Nickel Wire



### Product Specification

- Shape: Wire
- Elongation ( $\geq$  %): 35%
- Melting Point: 1435-1446°C
- Grade: N4, N6, Ni200, Ni201
- Standard: ASTM B164, DIN 17752, JIS NW2200
- Material: Ni
- Resistance ( $\mu\Omega\cdot m$ ): 15
- Ultimate Strength ( $\geq$  MPa): 462
- Highlight: DIN 17752 Pure Nickel Alloy,  
ASTM B164 Pure Nickel Alloy,  
1/2H Pure Nickel Alloy



## Product Description

### Product Description:

The Pure Nickel Alloy product is a versatile material that has a wide range of applications. It is commonly used in the electronics industry for its excellent corrosion resistance, high electrical conductivity, and low thermal expansion. The product is also used in the manufacturing industry for its high strength and durability. It is often used in the production of various components, including heating elements, vacuum tubes, and electrical contacts.

The Pure Nickel Alloy product comes in different sizes, ranging from 0.025 mm to 10 mm. This makes it suitable for different applications and industries. The nickel wire 0.025 mm, for instance, is used in the production of electronics components, including microchips and printed circuit boards. The larger sizes are often used in the manufacturing industry for the production of various components and parts. One of the most popular grades of the Pure Nickel Alloy product is the Ni201. This grade is known for its excellent resistance to corrosion and high temperatures. It is also highly ductile and can be easily formed into different shapes and sizes. Ni201 is commonly used in the chemical and petrochemical industries for its resistance to corrosive environments.

In conclusion, the Pure Nickel Alloy product is a high-quality material that is widely used in different industries, including electronics and manufacturing. It comes in different grades, including N4, N6, Ni200, and Ni201, and is made of pure nickel with a minimum nickel content of 99%. With its excellent corrosion resistance, high electrical conductivity, and low thermal expansion, the Pure Nickel Alloy product is an ideal material for various applications. Whether it is for the production of electronics components, heating elements, or vacuum tubes, the Pure Nickel Alloy product is a reliable and versatile material that offers excellent performance and durability.

### Applications:

The Victory Pure Nickel Alloy Wire is available in a range of hardness levels, including S, 1/4H, 1/2H, 3/4H, and H. This allows it to be used in applications that require varying levels of strength and flexibility. The wire is also available in a range of sizes, from 0.025mm to 10mm, making it suitable for a wide range of applications.

The Victory Pure Nickel Alloy Wire is manufactured to the highest standards and meets a range of international standards, including ASTM B164, DIN 17752, and JIS NW2200. This ensures that the wire is of the highest quality and meets the needs of a range of industries.

The Victory Pure Nickel Alloy Wire is highly conductive, with a resistance of just 15  $\mu\Omega$ .m. This makes it ideal for use in electrical applications, including wiring and connectors. The wire also has a high elongation of 35%, which makes it ideal for use in applications that require flexibility.

The Victory Pure Nickel Alloy Wire is made in China and is available at an affordable nickel wire price per meter. This makes it a cost-effective solution for a range of industries, including aerospace, automotive, and electronics. The wire is also available in Ni200, which is a commercially pure nickel alloy that is highly resistant to corrosion and is suitable for use in a range of environments.

Overall, the Victory Pure Nickel Alloy Wire is a versatile product that can be used in a wide range of applications. Its high-quality construction, range of sizes and hardness levels, and affordability make it a popular choice for a range of industries.

### Customization:

Brand Name: Victory  
Model Number: Pure Nickel Wire  
Place of Origin: China  
Ultimate Strength ( $\geq$  MPa): 462  
Application: Industry, Electronic  
Grade: N4, N6, Ni200, Ni201  
Shape: Wire  
Ni(min): 99%

Choose from our selection of nickel wire grades including N4, N6, Ni200, and Ni201. Our Pure Nickel Wire has a minimum nickel content of 99% and an ultimate strength of 462 MPa, making it ideal for various industrial and electronic applications.

With our Product Customization Services, you can tailor your nickel wire to meet your specific needs. Whether you need a certain shape or size, we can help you create the perfect product. Choose from various sizes, including Russian nickel wire 0.025 mm TKA, to ensure you get the exact product you need for your project.

### Support and Services:

Our Pure Nickel Alloy product is backed by our technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide assistance with product selection, installation, and maintenance to help maximize the efficiency and longevity of your application. Additionally, we offer training programs and resources to keep customers up-to-date with the latest industry standards and best practices. Our commitment to exceptional customer service and technical support sets us apart as a trusted provider of high-quality Pure Nickel Alloy products.

### Packing and Shipping:

Product Packaging:

Each Pure Nickel Alloy product will be packaged in a sturdy cardboard box.

The box will be labeled with the product name, size, and quantity.

The box will also include a packing slip with the customer's name, shipping address, and order details.

Shipping:

Orders will be shipped within 2 business days of receiving payment.

We offer standard shipping options, including ground, air, and expedited shipping.

Customers will receive a tracking number once their order has been shipped.

Please note that shipping costs will vary depending on the shipping method and destination.

## FAQ:

Q: What is the brand name of the pure nickel alloy product?

A: The brand name of the product is Victory.

Q: What is the model number of the pure nickel alloy product?

A: The model number of the product is Pure Nickel Wire.

Q: Where is the pure nickel alloy product manufactured?

A: The product is manufactured in China.

Q: Is the pure nickel alloy product suitable for high-temperature applications?

A: Yes, the product is highly resistant to corrosion and can withstand high temperatures, making it suitable for high-temperature applications.

Q: What are the common uses of the pure nickel alloy product?

A: The product is commonly used in the production of heating elements, electronic components, and batteries due to its excellent conductivity and corrosion resistance.



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