



## 0.025mm High Tensile Strength Pure Nickel Wire High Density

Our Product Introduction

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### Basic Information

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



### Product Specification

- Density: 8.9 G/cm<sup>3</sup>
- Packing: Spool, Coil, Or As Per Customer's Request
- Delivery: 7-25 Days
- Size: 0.025-10mm, Can Customized
- Electrical Resistivity: 6.84  $\mu\Omega \cdot m$
- Magnetic Properties: Non-magnetic
- Technique: Cold Rolled, Bending, Cutting, Decoiling
- Standard: ASTM B164
- Highlight: 0.025mm Pure Nickel Wire,  
High Tensile Strength Pure Nickel Wire,  
High Density Pure Nickel Wire



## Product Description

### Product Description:

Our Pure Nickel Wire has a tensile strength of 600-800 MPa, making it highly durable and resistant to breakage. This attribute is crucial, especially for industrial applications that require high-stress resistance and long-lasting performance. Moreover, our wire product has a melting point of 1455°C, which allows it to withstand high-temperature exposure without melting or deforming.

Corrosion is a common problem that can cause significant damage to wire products, leading to premature failure and costly repairs. With our Pure Nickel Wire, you don't have to worry about corrosion damage. Our wire product boasts excellent corrosion resistance, making it ideal for use in harsh environments, corrosive chemicals, and saltwater applications.

Our Pure Nickel Wire is also non-magnetic, which is an essential characteristic for wire products used in electronic and electrical applications. The non-magnetic property of our wire product ensures that it will not interfere with magnetic fields or get affected by magnetism, ensuring reliable and consistent performance.

Another feature of our Pure Nickel Wire is its hardness. Our wire product comes in different hardness levels, including S, 1/4H, 1/2H, 3/4H, and H. These hardness levels provide varying degrees of strength and flexibility, making our wire product versatile and adaptable to different application needs.

To sum it up, our Pure Nickel Wire is a top-quality alloy steel wire that delivers superior performance, strength, and corrosion resistance. It is non-magnetic and comes in various hardness levels, making it a versatile wire product for various industrial applications. Whether you need a wire product for electronic, electrical, or corrosive environments, our Pure Nickel Wire is an excellent choice. Contact us today to learn more about our Nickel Alloy Wire product and how it can benefit your business.

### Technical Parameters:

Product Attribute	Description
Standard	ASTM B164
Trade Name	UNS N02200/Nickel 200/2.4060/NS5200/N5
Tensile Strength	600-800 MPa
Color	Silvery White
Shape	Wire
Magnetic Properties	Non-magnetic
Size	0.025-10mm, Can Customized
Melting Point	1455°C
Density	8.9 G/cm <sup>3</sup>
Packing	Spool, Coil, Or As Per Customer's Request

### Applications:

The Victory Pure Nickel Wire is a versatile product that has excellent corrosion resistance and non-magnetic properties. It is commonly used in various industries and applications, such as:

**Electroless Nickel Plating Line:** The Victory Pure Nickel Wire is a popular choice for electroless nickel plating line applications due to its ability to provide a uniform and durable coating. It is often used in the plating of metal parts to improve their wear resistance, hardness, and corrosion resistance.

**Heating Elements:** The Victory Pure Nickel Wire is also commonly used in the production of heating elements, such as those found in electric ovens, toasters, and other household appliances. Its high melting point and excellent heat resistance make it an ideal choice for these applications.

**Battery Production:** The Victory Pure Nickel Wire is used in the production of rechargeable batteries, such as those found in laptops and mobile phones. Its high conductivity and corrosion resistance make it an ideal material for battery components.

**Electronic Components:** The Victory Pure Nickel Wire is also used in the production of electronic components, such as resistors and capacitors. Its high resistance and non-magnetic properties make it an ideal material for these applications.

The Victory Pure Nickel Wire comes in a variety of hardness levels, including S, 1/4H, 1/2H, 3/4H, and H. It also comes in a variety of shapes, including wire, spool, coil, or as per customer's request. This makes it a versatile product that can be customized to fit a variety of applications.

Overall, the Victory Pure Nickel Wire is a high-quality product that is made in China and is suitable for use in a variety of industries and applications. Its excellent corrosion resistance and non-magnetic properties make it an ideal choice for applications where durability and reliability are essential.

### Support and Services:

Pure Nickel Wire Product Technical Support and Services:

- Our team of experts is available to answer any technical questions you may have regarding the product.
- We offer assistance with product installation, setup, and troubleshooting.
- Our services also include product maintenance and repair.
- We provide training and educational resources to ensure proper usage and maximize product performance.

## Packing and Shipping:

### Product Packaging:

The Pure Nickel Wire will be packaged securely in a heat-sealed plastic bag to prevent any moisture or exposure to air. The bag will be then placed in a sturdy cardboard box with cushioning materials to avoid any damage during transportation. The box will be labeled with the product name, quantity, and any handling instructions.

### Shipping:

The Pure Nickel Wire will be shipped via a reliable courier service. The shipping method and delivery time will depend on the customer's location and preference. Tracking information will be provided once the item has been shipped.

## FAQ:

**Q:** What is the brand name of this product?

**A:** The brand name of this product is Victory.

**Q:** What is the model number of this product?

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

**Q:** Where is this product made?

**A:** This product is made in China.

**Q:** What is the diameter of this wire?

**A:** The diameter of this wire varies depending on the specific product you choose. Please refer to the product specifications for more information.

**Q:** Is this wire suitable for use in high-temperature applications?

**A:** Yes, this wire is made of pure nickel and is suitable for use in high-temperature applications.



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