



Corrosion Resistant 0.025 Nickel Wire Cold Rolled

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
- Trade Name: UNS N02200/Nickel 200/2.4060/NS5200/N5
- Packing: Spool, Coil, Or As Per Customer's Request
- Technique: Cold Rolled, Bending, Cutting, Decoiling
- Color: Silvery White
- Size: 0.025-10mm, Can Customized
- Melting Point: 1455°C
- Corrosion Resistance: Excellent
- Highlight: **0.025 Nickel Wire,
Corrosion Resistant Nickel Wire,
Cold Rolled Nickel Wire**



Product Description

Product Description:

The wire is manufactured using cold rolling, bending, cutting, and decoiling techniques, which ensure that it has a consistent and uniform diameter throughout its length. This makes it easy to work with and ensures that it can be used in a wide range of applications.

The Pure Nickel Wire is manufactured in accordance with the ASTM B164 standard, which ensures that it meets the highest quality standards. This standard specifies the chemical composition, mechanical properties, and other important factors that must be considered during the manufacturing process.

The wire has a tensile strength of 600-800 MPa, which makes it strong and durable. It can withstand high levels of stress and strain without breaking or bending, making it ideal for use in applications where strength and durability are important.

The Pure Nickel Wire has a melting point of 1455°C, which makes it suitable for use in high-temperature applications. It can withstand high levels of heat without melting or degrading, making it ideal for use in applications where high temperatures are a concern.

One of the most important features of the Pure Nickel Wire is its non-magnetic properties. This makes it ideal for use in applications where magnetic interference is a concern. It can be used in sensitive electronic equipment, medical devices, and other applications where magnetic interference can cause problems.

The Pure Nickel Wire can be used in a wide range of applications, including electroless nickel plating lines, alloy steel wire, and other industrial and commercial applications. It is a versatile and reliable wire that can be used in a variety of settings, making it an excellent choice for many different applications.

Technical Parameters:

Size	0.025-10mm, Can Customized
Packing	Spool, Coil, Or As Per Customer's Request
Corrosion Resistance	Excellent
Hardness	S, 1/4H, 1/2H, 3/4H, H
Density	8.9 G/cm ³
Color	Silvery White
Technique	Cold Rolled, Bending, Cutting, Decoiling
Electrical Resistivity	6.84 $\mu\Omega\cdot\text{m}$
Shape	Wire
Standard	ASTM B164

Applications:

One of the primary applications of the Victory Pure Nickel Wire is in the electroless nickel plating line. This wire is used as an anode to plate a layer of nickel onto the surface of a substrate. The wire's high purity and excellent mechanical properties make it an ideal option for this application. It can be used in a variety of plating scenarios, including automotive, aerospace, and electronics.

The Victory Pure Nickel Wire is also used in the production of electronic components such as thermocouples, resistors, and heating elements. Its high melting point and excellent conductivity make it an ideal option for these applications.

Additionally, the Victory Pure Nickel Wire is used in the manufacturing of a wide range of products, including wires, cables, and springs. Its hardness levels of S, 1/4H, 1/2H, 3/4H, and H make it a versatile option that can be used in numerous scenarios.

Victory Pure Nickel Wire is available in a variety of diameters, with the 0.025mm nickel wire being the thinnest option. The product can be delivered within 7-25 days, depending on the quantity and delivery location.

Support and Services:

The Pure Nickel Wire product is designed to provide high performance and reliability for various applications, including heating and electrical systems. Our technical support team is available to assist customers with any questions or concerns regarding the product's specifications, installation, and maintenance. Additionally, we offer a range of services, including product customization, training, and repair, to ensure that customers receive optimal performance and long-term value from their investment in our Pure Nickel Wire. Contact us to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:

Spool: 1kg, 5kg, 10kg

Coil: 100g, 200g, 500g

Shipping:

Ships within 2-3 business days

Shipping cost varies based on location

Free shipping for orders over \$1000

FAQ:

Q: What is the brand name of this product?

A: The brand name is Victory.

Q: What is the model number of this product?

A: The model number is Pure Nickel Wire.

Q: Where is this product made?

A: This product is made in China.

Q: What is the composition of this wire?

A: This wire is made of pure nickel.

Q: What applications is this wire suitable for?

A: This wire is commonly used in heating elements, temperature sensors, and other high-temperature applications.



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