

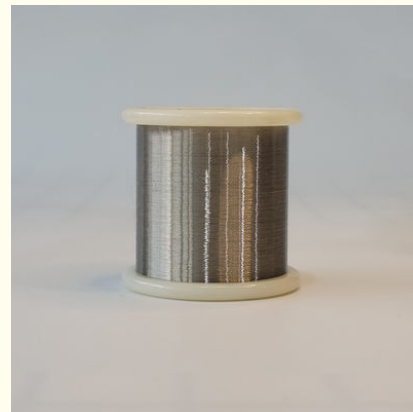


CuNi Alloy Wire Ideal Choice For High Performance Industrial Applications

Our Product Introduction

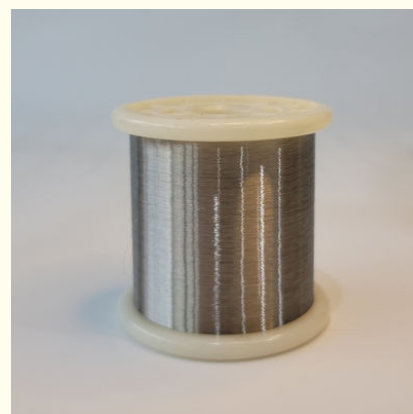
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS
- Model Number: CuNi Alloy
- Minimum Order Quantity: 2kg
- Packaging Details: Spool package with Carton box, Coil package with polybag for pure nickel wire 0.025mm
- Delivery Time: 5-21 days
- Payment Terms: L/C, D/A, D/P, Western Union
- Supply Ability: 300 tons per month



Product Specification

- Application: Heating, Resistivity
- Corrosion Resistance: Excellent
- Maximum Temperature: 220°C
- Hardness: 80-150 HV
- Machinability: Fair
- Technology: Rolling And Drawing
- Condition: Hard / Soft
- Yield Strength: 140-450 MPa
- Density: 8.94 G/cm³
- Weldability: Good
- Melting Point: 1170-1240°C
- Tensile Strength: 380-620 MPa
- Shape: Custom
- Diameter: 0.1~10mm
- Applications: Marine, Chemical, And Electrical Industries



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Product Description

Product Description:

One of the key advantages of the CuNi Alloy is its EMF vs Cu rating of -18 UV/C. This makes it an excellent choice for use in environments where resistance to corrosion is paramount. Additionally, this alloy is highly resistant to seawater corrosion, making it an ideal choice for marine applications such as offshore platforms and shipbuilding.

The CuNi Alloy is a type of Copper Metal Product, and is often used in combination with other materials to create alloys for specific applications. One such alloy is the Aluminium Copper Alloy, which is commonly used in the aerospace industry due to its high strength and excellent resistance to corrosion.

The CuNi Alloy is a versatile product that can be used in a variety of applications, including electrical engineering, marine engineering, and chemical engineering. Its high level of resistance to corrosion, coupled with its excellent mechanical properties, make it a reliable and cost-effective choice for many different industries.

Features:

Product Name: CuNi Alloy

Resistivity: 0.5

Hardness: 80-120 HV

Surface: Bright

Maximum Temperature: 200°C

Diameter: 0.1~10mm

Material Type: Copper Based Alloys, Alloy Steel Metal, Inconel Nickel Alloy

Technical Parameters:

Emf Vs Cu	-18 UV/C
Thermal Expansion Coefficient	$16.5 \times 10^{-6}/K$
Application	Industry
Resistivity	0.5
Tensile Strength	400-600 MPa
Surface	Bright
Condition	Hard / Soft
Purity	High Purity
Density	8.94 G/cm ³
Maximum Temperature	200°C

Applications:

The copper and nickel composition of the Victory CuNi Alloy makes it an excellent choice for use in a variety of scenarios. It is widely used in the manufacturing of Copper Metal Products like switches, relays, and connectors, among others. The alloy's unique composition provides excellent electrical conductivity, making it ideal for use in electrical applications.

The Victory CuNi Alloy is available in both hard and soft conditions, making it suitable for use in different applications. The hard condition is ideal for use in applications that require high strength, such as springs and electrical contacts. On the other hand, the soft condition is ideal for use in applications that require high ductility, such as wires and cables.

The surface of the Victory CuNi Alloy is bright, providing a smooth finish that is ideal for use in decorative applications. The bright surface finish also makes it easy to clean and maintain, making it ideal for use in applications where hygiene is essential.

The Victory CuNi Alloy is suitable for use in various product application occasions and scenarios. It is widely used in the automotive, aerospace, and electrical industries, among others. In the automotive industry, the alloy is used in the manufacturing of ignition systems, fuel injectors, and sensors. In the aerospace industry, the alloy is used in the manufacturing of electrical connectors, switches, and relays. In the electrical industry, the alloy is used in the manufacturing of wires, cables, and bus bars.

In conclusion, the Victory CuNi Alloy is an excellent choice for use in various applications due to its unique composition, resistivity, and maximum temperature limit. Its availability in both hard and soft conditions and its bright surface finish make it suitable for use in different scenarios. Its wide application in various industries is a testament to its versatility and reliability as a copper-based alloy product.

Customization:

Our brand, Victory, offers top-notch product customization services for our Copper Based Alloys. Our CuNi Alloy, model number: CuNi Alloy, is a high-quality Copper Nickel Alloy that originates from China. With a maximum temperature capacity of 200°C, our CuNi Alloy is an excellent choice for various industries. Its exceptional corrosion resistance and thermal expansion coefficient of $16.5 \times 10^{-6}/K$ make it a reliable option for critical applications. Our CuNi Alloy has a bright surface and a density of 8.94 G/cm³. Our Product Customization Services enable you to tailor our Copper Metal Products to your unique requirements.

Support and Services:

Our CuNi Alloy product is backed by our expert technical support and services team. We offer comprehensive product information, installation guidance, and troubleshooting advice to ensure our customers get the most out of our product. In addition, we offer custom fabrication services to meet specific project needs. Our team of experienced fabricators can work with customers to create custom components and assemblies made from our CuNi Alloy product. We also provide testing and analysis services to ensure the quality and integrity of our CuNi Alloy product. Our testing services include non-destructive testing, metallurgical analysis, and corrosion testing. Overall, our commitment to technical support and services ensures that our CuNi Alloy product performs at its best and meets the unique needs of each customer.

Packing and Shipping:

Product Packaging:

The CuNi Alloy product will be packaged in a sturdy cardboard box.

The product will be wrapped in protective material to prevent any damage during shipping.

The box will be labeled with the product name, quantity, and any necessary handling instructions.

Shipping:

The CuNi Alloy product will be shipped via a reputable carrier such as UPS or FedEx.

The product will be insured for its full value during shipping.

Tracking information will be provided to the customer once the product has been shipped.

Shipping costs will be calculated based on the destination and weight of the package.

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 CuNi Alloy.

Q: Where is this product made?

A: This product is made in China.

Q: What are the dimensions of this product?

A: Unfortunately, we cannot provide the dimensions of this product as they may vary depending on the specific model or variant.

Q: Can this product be used for high-temperature applications?

A: This product is typically used for low-temperature applications and may not be suitable for high-temperature applications. Please consult with a professional if you are unsure about the suitability of this product for your specific application.



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