



CuNi Alloy Ideal Solution For High Temperature And Corrosive Environments

Our Product Introduction

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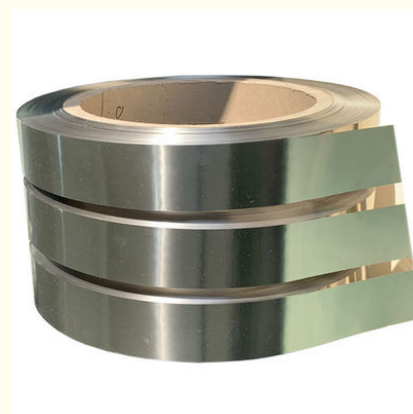
Basic Information

- 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

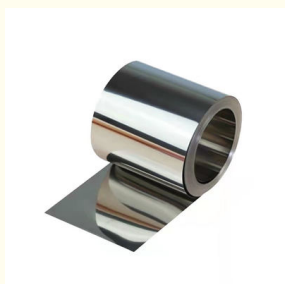


Product Specification

- 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



More Images



Product Description

Product Description:

Our CuNi alloy has a hardness range of 80-120 HV, which means it is extremely resistant to wear and tear. The high hardness of this copper bronze alloy makes it ideal for use in applications where the material is subjected to high levels of stress or friction. Additionally, our CuNi alloy has a resistivity of 0.5, which makes it an excellent conductor of electricity. This property makes it perfect for use in electrical wiring and other applications where electrical conductivity is essential.

Our copper based alloys are also known for their high tensile strength. The tensile strength of our CuNi alloy ranges from 400-600 MPa, which means it can withstand a lot of force without breaking or bending. This property makes it ideal for use in applications where the material is subjected to heavy loads or stress.

In addition to its mechanical properties, our copper bronze alloy is also highly pure. We use only the highest quality copper and nickel to create our CuNi alloy, ensuring that it is free from impurities that can compromise its performance. Our high purity copper based alloys are perfect for use in applications where the material must be free from contamination, such as in the medical or food industries.

In summary, our CuNi alloy is a highly versatile and durable copper bronze alloy that is perfect for use in a variety of applications. With its excellent combination of hardness, resistivity, and tensile strength, our copper based alloys are ideal for use in applications where the material is subjected to high levels of stress or friction. Additionally, our high purity copper bronze alloy is perfect for use in applications where the material must be free from contamination.

Features:

Product Name: CuNi Alloy

Emf Vs Cu: -18 UV/C

Composition: Copper And Nickel

Corrosion Resistance: Excellent

Hardness: 80-120 HV

Purity: High Purity

Our CuNi Alloy is a highly reliable and durable material that is composed of copper and nickel. With excellent corrosion resistance, it is an ideal choice for various applications. Its hardness ranges from 80-120 HV, making it an excellent choice for use in Copper Powder Metallurgy, Copper Bronze Alloy, and Copper Nickel Alloy products. Additionally, it boasts high purity, ensuring consistent quality and performance.

Technical Parameters:

Technical Parameter	Value
Purity	High Purity
Application	Industry
Maximum Temperature	200°C
Diameter	0.1~10mm
Hardness	80-120 HV
Resistivity	0.5
Condition	Hard / Soft
Density	8.94 G/cm3
Corrosion Resistance	Excellent
Tensile Strength	400-600 MPa

This product is a Copper Nickel Alloy, also known as a Copper Bronze Alloy or an Inconel Nickel Alloy.

Applications:

The CuNi Alloy is commonly used in the production of copper alloy tubes, which are used in a variety of industries, including plumbing, HVAC, and automotive. The copper alloy tubes are strong, durable, and resistant to corrosion, making them ideal for use in harsh environments.

Another application for Victory's CuNi Alloy is in the manufacturing of heat exchangers. The alloy's high thermal conductivity makes it an excellent choice for heat transfer applications. The CuNi Alloy is also commonly used in the production of marine components, such as propellers and valves, due to its resistance to seawater corrosion.

In addition to its industrial applications, Victory's CuNi Alloy is also used in the production of jewelry. The alloy's unique properties make it an attractive choice for designers looking to create jewelry that is both durable and aesthetically pleasing. The CuNi Alloy is produced in China and is composed of copper and nickel. The alloy has an EMF vs Cu of -18 UV/C, making it a reliable choice for a variety of applications. Whether you are producing copper alloy tubes, heat exchangers, marine components, or jewelry, Victory's CuNi Alloy is a versatile and reliable choice.

Customization:

Support and Services:

Our CuNi alloy product comes with comprehensive technical support and services to ensure that our customers receive the

best possible assistance and guidance. Our expert team is available to provide assistance with installation, maintenance, and troubleshooting, as well as to answer any questions related to the product's performance or technical specifications. We also offer training to help customers optimize the use of our CuNi alloy product, as well as custom engineering and design services to meet specific customer needs. Our commitment to quality means that we stand behind our products and offer reliable warranty and repair services.

Packing and Shipping:

Product Packaging:

The CuNi alloy product will be packed in high-quality, sturdy boxes to ensure safe transportation.

Each box will contain a specified quantity of the product, as per the customer's requirements.

The boxes will be labeled with the product name, code, and quantity to ensure easy identification.

Special packaging requirements can be accommodated upon request.

Shipping:

Our shipping department will arrange for the safe and timely delivery of the CuNi alloy product.

Shipping options include air, sea, and land transport, based on the customer's preference and urgency of delivery.

We work with reliable courier services to ensure that the product reaches the customer's location in good condition.

Customers can track their shipment through our online tracking system.

FAQ:

Q: What is the brand name of the CuNi Alloy product?

A: The brand name of this product is Victory.

Q: What is the model number of the CuNi Alloy product?

A: The model number of this product is CuNi Alloy.

Q: Where is the CuNi Alloy product manufactured?

A: The CuNi Alloy product is manufactured in China.

Q: What is the composition of the CuNi Alloy?

A: The CuNi Alloy is composed of copper and nickel.

Q: What applications is the CuNi Alloy suitable for?

A: The CuNi Alloy is suitable for a variety of applications, including heating elements, resistors, and thermocouples.



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