



CuNi 70 30 Alloy Perfect Choice For High Performance And Durable Products

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



More Images



Product Description

Product Description:

Our Copper Nickel Alloy is available in a range of sizes, including a diameter range of 0.1~10mm. This allows for greater flexibility in designing and implementing a wide range of applications. Our Copper Nickel Alloy is perfect for a variety of applications, including Copper Alloy Tube manufacturing, electronics, marine, and automotive industries, and many more. One of the key features of our Copper Nickel Alloy product is its superior thermal expansion coefficient of $16.5 \times 10^{-6}/K$. This makes it an ideal choice for applications that require high-temperature stability, such as those found in the automotive and electronics industries.

In addition, our Copper Nickel Alloy product boasts an impressive hardness range of 80-120 HV, which makes it highly resistant to wear and tear. This makes it an ideal choice for applications that require a high level of durability, such as those found in the marine and aerospace industries.

Our Copper Nickel Alloy product also has a high tensile strength of 400-600 MPa, which makes it an ideal choice for applications that require high strength and reliability. This makes it an ideal choice for applications that require a high level of performance, such as those found in the automotive and aerospace industries.

Finally, our Copper Nickel Alloy product has a density of 8.94 G/cm³, which makes it an ideal choice for applications that require a lightweight yet durable material. This makes it an ideal choice for applications that require a high level of performance while keeping weight to a minimum.

Overall, our Copper Nickel Alloy product is a top-quality alloy that offers superior performance and durability for a wide range of applications. Whether you are looking for a Copper Alloy Tube or need a high-performance material for your electronics or automotive project, our Copper Nickel Alloy product is the perfect choice.

Features:

Product Name: CuNi Alloy

Resistivity: 0.5

Corrosion Resistance: Excellent

Hardness: 80-120 HV

Maximum Temperature: 200°C

Surface: Bright

Material Type: Inconel Nickel Alloy, Aluminium Copper Alloy, Copper Alloy Tube

Technical Parameters:

Diameter	0.1~10mm
Density	8.94 G/cm ³
Corrosion Resistance	Excellent
Thermal Expansion Coefficient	$16.5 \times 10^{-6}/K$
Composition	Copper And Nickel
Maximum Temperature	200°C
Resistivity	0.5
Condition	Hard / Soft
Emf Vs Cu	-18 UV/C
Tensile Strength	400-600 MPa

Applications:

Copper metal products are widely used in industries such as aerospace, automotive, electronics, and construction due to their excellent properties. The Victory CuNi Alloy product is a type of copper based alloy that has excellent corrosion resistance and high thermal conductivity. Due to its high purity, this product is suitable for use in various applications that require high performance and durability.

The Victory CuNi Alloy product is commonly used in the electronics industry to manufacture electrical connectors, relays, and switches. Its excellent conductivity and corrosion resistance make it an ideal material for these applications. In the automotive industry, this product is used to manufacture spark plug electrodes, fuel injectors, and other engine components. Its high thermal conductivity and corrosion resistance make it suitable for use in the harsh environment of an engine.

The Victory CuNi Alloy product is also used in the construction industry to manufacture heating, ventilation, and air conditioning (HVAC) systems. Its excellent thermal conductivity and corrosion resistance make it an ideal material for these applications. It is also used in the aerospace industry to manufacture aircraft components such as heat exchangers and hydraulic tubing.

In conclusion, the Victory CuNi Alloy product is a type of copper based alloy that has excellent properties and is widely used in various industries. Its high thermal conductivity, corrosion resistance, and high purity make it an ideal material for applications that require high performance and durability.

Customization:

Brand Name: Victory

Model Number: CuNi Alloy

Place of Origin: China

Thermal Expansion Coefficient: $16.5 \times 10^{-6}/K$

Purity: High Purity

Condition: Hard / Soft

Application: Industry

Emf Vs Cu: -18 UV/C

Our CuNi Alloy is an Inconel Nickel Alloy that is highly resistant to corrosion and oxidation. It is a durable Alloy Steel Metal that is perfect for use in a variety of industrial applications. Contact us today to customize your order.

Support and Services:

Our CuNi alloy product comes with comprehensive technical support and services to ensure the best possible performance and longevity of the product. Our team of experts is available to assist with any product-related queries and concerns, including:

Recommendations for optimal usage and maintenance

Technical troubleshooting and problem-solving

Product customization and special requests

Warranty support and claims

Product training and education

We are committed to providing exceptional customer support and ensuring that our CuNi alloy product meets your exact requirements.

Packing and Shipping:

Product Name: CuNi Alloy

Quantity: 1kg

Dimensions: 10cm x 10cm x 10cm

Weight: 1.5kg

Material: Copper Nickel Alloy

Country of Origin: USA

Packaging: The CuNi Alloy product will be packed in a sturdy cardboard box with proper cushioning to prevent any damage during transit.

Shipping: The product will be shipped via FedEx Ground and the estimated delivery time is 3-5 business days within the USA. International shipping options are also available upon request.

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: The dimensions of this product vary depending on the specific type and size. Please refer to the product specifications.

Q: What is the composition of this alloy?

A: This alloy is composed of copper and nickel in varying ratios depending on the specific type and application.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu