



Monel Wire For Electrical Conductivity 27% IACS And Thermal Conductivity 21 W/m·K

Our Product Introduction

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Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Model Number: Monel Wire



Product Specification

- Material: Monel
- Corrosion Resistance: Excellent
- Electrical Conductivity: 27% IACS
- Surface Finish: Bright, Matte
- Melting Point: 1300-1350°C
- Sureface: Bright,Oxided
- Thermal Conductivity: 21 W/m·K
- Standard: ASTM B164, UNS N04400
- Highlight: **Electrical Conductivity Monel Wire,
21 W/m·K Monel Wire, 27% IACS Monel Wire**

Product Description

Product Description:

The Monel Wire is made up of 27% IACS electrical conductivity, which makes it an excellent conductor of electricity. This feature makes it ideal for use in electrical applications, such as wiring and cabling. The wire's thermal conductivity is also impressive, with a value of 21 W/m·K. This property makes it suitable for use in high-temperature applications.

One of the Monel Wire's most attractive features is its excellent corrosion resistance. The wire can withstand exposure to harsh chemicals, saltwater, and other corrosive substances without corroding. This feature makes it ideal for use in marine environments and other applications where corrosion is a concern.

The Monel Wire has a melting point of 1300-1350°C, which is higher than most other wire products. This high melting point makes it ideal for use in high-temperature applications, such as furnace heating elements, and other high-temperature environments.

The Monel Wire is manufactured in compliance with ASTM B164 and UNS N04400 standards. These standards ensure that the wire meets the necessary quality requirements and specifications. The wire is available in a range of sizes and can be used for various applications.

Overall, the Monel Wire is a reliable and versatile wire product that can be used in various applications. Its excellent electrical conductivity, thermal conductivity, and corrosion resistance make it ideal for use in harsh environments. It is a perfect choice for those who are looking for a wire product that can withstand the toughest conditions. Whether you need Black Annealed Tie Wire, Alloy Wire, or Bright Steel Wire, the Monel Wire is the perfect choice for your needs.

Technical Parameters:

Technical Parameter	Value
Density	8.80 G/cm ³
Surface Finish	Bright, Matte
Surface	Bright, Oxided
Thermal Conductivity	21 W/m·K
Tensile Strength	550-750 MPa
Electrical Conductivity	27% IACS
Yield Strength	240 MPa
Wire Diameter	0.1mm-10mm
Corrosion Resistance	Excellent
Magnetic Properties	Non-magnetic

Applications:

Support and Services:

Our Monel Wire product technical support team is available to assist with any questions or issues related to the product. Our team of experts can provide guidance on proper usage, handling, and maintenance of the wire to ensure optimal performance. In addition, we offer a range of services including custom cutting, spooling, and packaging to meet the specific needs of our customers. Contact us for more information on how we can assist with your Monel Wire needs.

Packing and Shipping:

Product Packaging:

Monel wire spools are packaged in sturdy cardboard boxes to prevent damage during shipping.

The spools are wrapped in plastic to protect them from moisture and other environmental factors.

Shipping:

Monel wire products are shipped via standard shipping methods such as USPS, UPS, and FedEx.

Shipping rates are calculated based on the weight and destination of the package.

Orders are typically processed and shipped within 1-2 business days.

Customers can track their orders using the tracking number provided by the shipping carrier.

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 Monel Wire.

Q: Where is this product made?

A: This product is made in China JiangSu.

Q: What is Monel Wire used for?

A: Monel Wire is commonly used in marine engineering, chemical and hydrocarbon processing equipment, valves, pumps, shafts, fittings, fasteners, and heat exchangers.

Q: What are the available sizes for Monel Wire?

A: Monel Wire is available in various sizes ranging from 0.1mm to 10mm.



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