



## Marine Installations Copper Tie Wire With ASTM B164 Standard

Our Product Introduction

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### Basic Information

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



### Product Specification

- Yield Strength: 240 MPa
- Electrical Conductivity: 27% IACS
- Applications: Marine, Chemical Processing, Aerospace, Oil And Gas
- Thermal Conductivity: 21 W/m·K
- Wire Diameter: 0.1mm-10mm
- Material: Monel
- Magnetic Properties: Non-magnetic
- Standard: ASTM B164, UNS N04400
- Highlight: **ASTM B164 Standard Copper Tie Wire, Marine Installations Copper Tie Wire, Marine Installations Tie Wire**



## Product Description

### Product Description:

The Monel Wire is a versatile wire that can be used for a wide range of applications. It is commonly used as a copper tie wire because of its high strength and excellent resistance to corrosion. It is also commonly used as a black annealed wire because of its high temperature resistance. Additionally, this wire can be used as an annealed twisted wire because of its excellent flexibility and durability.

The tensile strength of the Monel Wire is between 550-750 MPa, which makes it a strong and reliable option for many different applications. Whether you are looking for a wire that can withstand high temperatures, resist corrosion, or provide excellent strength and durability, the Monel Wire is an excellent choice.

### Technical Parameters:

|                         |   |
|-------------------------|---|
| Corrosion Resistance    | Excellent   |
| Standard                | ASTM B164, UNS N04400                               |
| Electrical Conductivity | 27% IACS  |
| Applications            | Marine, Chemical Processing, Aerospace, Oil And Gas |
| Surface Finish          | Bright, Matte                                       |
| Yield Strength          | 240 MPa   |
| Tensile Strength        | 550-750 MPa   |
| Elongation              | 35-55%  |
| Thermal Conductivity    | 21 W/m·K  |
| Wire Diameter           | 0.1mm-10mm  |

### Applications:

The Monel Wire is primarily used in the manufacturing of various mechanical parts, such as screws, bolts, nuts and springs. It is also commonly used in the aerospace industry due to its high corrosion resistance and excellent electrical conductivity. The wire's superior corrosion resistance makes it ideal for use in harsh environments, such as marine and chemical processing applications.

The bright steel wire finish of the Monel Wire is perfect for applications that require a clean and polished look. This makes it a popular choice for jewelry-making, as well as for use in architectural and decorative applications. The oxidized finish, on the other hand, is ideal for applications where a more rugged and industrial look is desired, such as in the construction industry.

Aside from its use as a standalone product, the Victory Monel Wire can also be combined with other materials to create new products. For example, it can be combined with black annealed tie wire or copper tie wire to create a stronger and more durable wire that can be used in a variety of applications.

Overall, the Victory Monel Wire is a versatile and reliable product that can be used in a wide range of applications. Its high corrosion resistance, excellent electrical conductivity, and superior tensile strength make it a popular choice for use in mechanical parts, aerospace, marine, chemical processing, and decorative applications.

### Support and Services:

Our Monel Wire product is backed by our comprehensive technical support and services to ensure that our customers receive the best possible experience. Our technical support team is available to assist with any product-related questions or issues, and can provide guidance on product selection, installation, operation, and maintenance. Additionally, we offer a range of services, including product training, repair and maintenance services, and customized solutions to meet specific customer needs. Our goal is to provide reliable, high-quality products and excellent customer service to ensure that our customers are satisfied with their purchase.

### Packing and Shipping:

#### Product Packaging:

The Monel Wire product will be packaged in a sturdy cardboard box to ensure safe transportation and handling. The wire will be wound around a spool and secured with zip ties to prevent tangling. The box will be labeled with the product name, size, and quantity.

#### Shipping:

The Monel Wire product will be shipped via a reputable courier service to ensure timely and secure delivery. Shipping options include standard ground shipping and expedited shipping for an additional fee. Customers will receive a tracking number to monitor the delivery status of their order.

### 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 manufactured?**

A: This product is manufactured in China JiangSu.

**Q: What applications is this product suitable for?**

A: This product is suitable for use in a wide range of applications such as marine engineering, chemical processing, and aerospace.

**Q: What are the key properties of this product?**

A: This product has excellent corrosion resistance, high strength, and good ductility, making it ideal for use in harsh environments.



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