



35-55% Elongation Non Magnetic Monel Wire Tower Optimal Performance And Durability

Our Product Introduction

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Basic Information

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



Product Specification

- Density: 8.80 G/cm³
- Applications: Marine, Chemical Processing, Aerospace, Oil And Gas
- Surface Finish: Bright, Matte
- Melting Point: 1300-1350°C
- Elongation: 35-55%
- Thermal Conductivity: 21 W/m·K
- Yield Strength: 240 MPa
- Magnetic Properties: Non-magnetic
- Highlight: **35-55% Elongation Monel Wire, Optimal Performance Monel Wire, Non-magnetic Monel Wire**



More Images



Product Description

Product Description:

The Monel Wire is non-magnetic and has excellent electrical conductivity. This makes it ideal for use in electrical and electronic applications. The wire has an elongation range of 35-55%, which means it can stretch without breaking or losing its strength. The tensile strength of the Monel Wire ranges from 550-750 MPa, ensuring its durability and reliability in harsh environments.

The Monel Wire is available in two surface types: bright and oxidized. The bright surface type is corrosion-resistant and has a shiny, reflective finish. The oxidized surface type is also corrosion-resistant but has a dull, non-reflective finish. Both surface types are highly durable and resistant to wear and tear.

The Monel Wire is commonly used in various industrial applications, such as marine engineering, chemical processing, and aerospace engineering. It is also used in the production of jewelry, musical instruments, and medical devices. The Monel Wire is an excellent alternative to black annealed wire and other types of wire due to its superior strength, durability, and resistance to corrosion.

In summary, the Monel Wire is a high-performance alloy wire that is non-magnetic, has excellent electrical conductivity, and is available in two surface finishes: bright and matte. It has an elongation range of 35-55% and a tensile strength of 550-750 MPa. The wire is commonly used in various industrial applications, such as marine engineering, chemical processing, and aerospace engineering, as well as in the production of jewelry, musical instruments, and medical devices. The Monel Wire is an excellent alternative to black annealed wire and other types of wire due to its superior strength, durability, and resistance to corrosion.

Technical Parameters:

Technical Parameter	Value
Electrical Conductivity	27% IACS
Elongation	35-55%
Surface Finish	Bright, Matte
Yield Strength	240 MPa
Material	Monel
Melting Point	1300-1350°C
Standard	ASTM B164, UNS N04400
Density	8.80 G/cm ³
Thermal Conductivity	21 W/m·K
Magnetic Properties	Non-magnetic

Applications:

The Victory Monel wire is available in two surface finishes - bright and matte, and has a density of 8.80 G/cm³, which makes it lightweight and easy to handle. The wire conforms to the ASTM B164 and UNS N04400 standard, ensuring that it meets the highest industry standards.

The wire has an elongation range of 35-55%, which makes it flexible and easy to work with. This makes it an ideal choice for a variety of applications such as tie wire, bright steel wire, and bare copper wire. Its excellent electrical conductivity of 27% IACS makes it an ideal choice for use in electrical and electronic applications.

The Victory Monel Wire has a wide range of applications in various industries. It is widely used in the marine industry for applications such as shipbuilding, offshore platforms, and underwater equipment. The wire is also used in chemical processing plants for applications such as heat exchangers, valves, and pumps.

The wire is also used in the aerospace industry for applications such as aircraft engines, landing gears, and hydraulic systems. It is also used in the automotive industry for applications such as exhaust systems, fuel tanks, and brake lines. The wire is also used in the construction industry for applications such as fences, gates, and reinforcing bars.

Overall, Victory Monel Wire is a versatile and durable product that is widely used in various industries for its excellent resistance to corrosion, flexibility, and high-quality standards. Its wide range of applications and superior quality make it an ideal choice for any industry that requires a high-quality wire product.

Support and Services:

Our Monel Wire product comes with technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to assist with any technical questions or concerns you may have regarding the product. We also offer a range of services including product installation, maintenance, and repair. In addition, we provide training and educational resources to help you get the most out of your Monel Wire purchase.

Packing and Shipping:

Product Packaging:

The Monel Wire product will be packaged in a sturdy cardboard box to ensure safe transportation and delivery. The wire will be wound around a spool and secured in place to prevent tangling or damage during shipping.

Shipping:

We offer standard shipping for the Monel Wire product, which usually takes 3-5 business days for delivery within the United States. For international shipping, delivery times may vary depending on the destination. Shipping costs will be calculated at checkout 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 the product?

A: The model number of the product is Monel Wire.

Q: Where is the product made?

A: The product is made in China JiangSu.

Q: What is the diameter range of the Monel Wire?

A: The diameter range of the Monel Wire is 0.05mm to 8mm.

Q: What are the applications of the Monel Wire?

A: The Monel Wire is used in various applications such as marine engineering, chemical processing, oil and gas production, heat exchangers, and aerospace.



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