



Premium Nichrome Alloy Tubes For Heating Elements

Our Product Introduction

Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Certification: CE
- Model Number: Nichrome Wire
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag for Resistance wire
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Density: 8.4 G/cm³
- Forms: Pipe
- Electrical Resistivity: 1.1-1.2 $\mu\Omega\text{m}$
- Thermal Conductivity: 15-20 W/mK
- Grades: Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
- Corrosion Resistance: Excellent
- Yield Strength: 200-300 MPa
- Name: Nichrome Alloy
- Highlight: Heating Elements Nichrome Alloy Tubes, Premium Nichrome Alloy Tubes, Nichrome Alloy Tubes For Heating Elements



More Images



Product Description

Product Description:

With a yield strength of 200-300 MPa, the Nichrome Alloy is one of the strongest alloys available in the market. It is commonly used in industries that require high-strength materials such as aerospace, automotive, and medical industries.

The Nichrome Alloy has a density of 8.4 g/cm³, making it a lightweight material that is easy to work with. It is a popular choice for fabricating lightweight components that require high strength and durability.

The hardness of the Nichrome Alloy is measured at HV400-500, making it one of the hardest materials used in various industries. Its high hardness makes it an ideal material for producing cutting tools and wear-resistant components.

One of the most notable properties of the Nichrome Alloy is its thermal conductivity, which is measured at 15-20 W/mK. This property makes it an excellent material for use in high-temperature applications, such as in the production of heating elements, furnaces, and other thermal applications.

The Nichrome Alloy is a popular alternative to Nitinol materials, which are commonly used in the medical industry. The Nichrome Alloy possesses similar mechanical and thermal properties to Nitinol, making it a more affordable and accessible option for industries that require these properties.

In conclusion, the Nichrome Alloy is an exceptional material that possesses exceptional mechanical and thermal properties. Its high strength, hardness, and thermal conductivity make it an ideal material for use in various industrial applications. Its affordability and accessibility make it a popular alternative to Nitinol materials. Choose the Nichrome Alloy for your next project and experience the exceptional performance of this premium-grade alloy.

Features:

Product Name: Nichrome Alloy

Grades:

Cr15Ni60

Cr20Ni35

Cr20Ni30

Cr30Ni70

Chemical Composition: Ni-Cr-Fe

Applications:

Heating Elements

Furnaces

Electrical Components

Forms: Pipe

Corrosion Resistance: Excellent

Technical Parameters:

Technical Parameter	Value
Elongation	20-30%
Grades	Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
Forms	Pipe
Yield Strength	200-300 MPa
Thermal Expansion	13-17 $\mu\text{m/mK}$
Hardness	HV400-500
Corrosion Resistance	Excellent
Applications	Heating Elements, Furnaces, Electrical Components
Electrical Resistivity	1.1-1.2 $\mu\Omega\text{m}$
Thermal Conductivity	15-20 W/mK

Applications:

Customization:

Support and Services:

Nichrome Alloy is a high-performance alloy that is used in a wide range of applications, including heating elements, resistance wires, and electrical contacts. It is known for its high resistance to corrosion and oxidation, as well as its excellent strength and durability.

Our product technical support and services for Nichrome Alloy include:

Expert technical consultation to help you select the right alloy for your application

Custom alloy development services to meet your specific performance requirements

Material testing and analysis to ensure the highest quality and performance

Product training and education to help you get the most out of your Nichrome Alloy products

24/7 customer support to answer any questions or concerns you may have

With our technical support and services, you can trust that Nichrome Alloy will meet your needs and exceed your expectations.

Packing and Shipping:

Product Packaging:

The Nichrome Alloy product is securely packed in a cardboard box.

The box is sealed with adhesive tape to prevent any damage or contamination during shipping.

The product is cushioned with foam or bubble wrap to ensure that it does not move around during transit.

Shipping:

The Nichrome Alloy product is shipped via a reliable courier service.

The shipping cost is calculated based on the weight and destination of the package.

The estimated delivery time is provided to the customer once the package is dispatched.

The customer will receive a tracking number to track the package during transit.

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 Nichrome Wire.

Q: Where is this product made?

A: This product is made in China JiangSu.

Q: What certifications does this product have?

A: This product has CE certification.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 5.

Q: What are the packaging details for this product?

A: The packaging details for Resistance wire are spool package with Carton box, Coil package with polybag.

Q: What is the delivery time for this product?

A: The delivery time for this product is 5-21 days.

Q: What are the payment terms for this product?

A: The payment terms for this product are L/C, T/T, Western Union, and MoneyGram.

Q: What is the supply ability for this product?

A: The supply ability for this product is 300 tons per month.



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