



Nitinol Wire With Exceptional Thermal Expansion And Magnetic Properties

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

- Yield Strength: 200-300 MPa
- Applications: Heating Elements, Furnaces, Electrical Components
- Chemical Composition: Ni-Cr-Fe
- Elongation: 20-30%
- Thermal Expansion: 13-17 $\mu\text{m/mK}$
- Forms: Pipe
- Grades: Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
- Magnetic Properties: Non-magnetic
- Highlight: **Exceptional Thermal Expansion Nitinol Wire, Nitinol Wire, Magnetic Properties Nitinol Wire**



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Product Description

Product Description:

One of the essential properties of Nichrome Alloy is its high electrical resistivity, ranging from 1.1-1.2 $\mu\Omega\text{m}$. This attribute means that it can resist the flow of electric current, making it an excellent choice for electrical heating applications. The alloy is also highly durable, with a yield strength of 200-300 MPa, making it resistant to deformation and damage.

Another significant advantage of Nichrome Alloy is its excellent corrosion resistance, making it a popular choice for use in harsh environments. This property is essential in applications where the alloy is exposed to chemicals, moisture, and other corrosive substances. Nichrome Alloy can withstand the corrosive effects of acids, bases, and alkaline solutions, making it an ideal material for use in chemical and food processing industries.

Nitinol is another popular material used in various industries, including medical devices, aerospace, and automotive applications. Nitinol is a nickel-titanium alloy with unique shape memory and superelasticity properties. The alloy can return to its original shape when heated, making it an ideal material for use in medical implants, stents, and other devices.

Nitinol Pipe is a popular application of Nitinol materials. These pipes are used in various industries for their unique properties, including excellent corrosion resistance, high strength, and durability. Nitinol Pipe is an ideal choice for use in harsh environments, including oil and gas applications, chemical processing, and marine applications.

In conclusion, Nichrome Alloy is a highly versatile and robust material that is used in various industrial applications, including heating elements, furnaces, and electrical components. Its high electrical resistivity, yield strength, and excellent corrosion resistance make it an ideal choice for use in harsh environments. Nitinol is another popular material used in various industries, including medical devices, aerospace, and automotive applications. Nitinol Pipe is a popular application of Nitinol materials and is ideal for use in harsh environments where high strength, corrosion resistance, and durability are required.

Features:

Product Name: Nichrome Alloy

Melting Point: 1400-1450°C

Thermal Conductivity: 15-20 W/mK

Tensile Strength: 400-500 MPa

Electrical Resistivity: 1.1-1.2 $\mu\Omega\text{m}$

Elongation: 20-30%

This product is made from Nitinol materials.

Technical Parameters:

Technical Parameter	Value
Magnetic Properties	Non-magnetic
Melting Point	1400-1450°C
Applications	Heating Elements, Furnaces, Electrical Components
Tensile Strength	400-500 MPa
Forms	Pipe
Corrosion Resistance	Excellent
Grades	Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
Yield Strength	200-300 MPa
Chemical Composition	Ni-Cr-Fe
Electrical Resistivity	1.1-1.2 $\mu\Omega\text{m}$

This technical parameter table is for Nitinol materials, including Nitinol pipe.

Applications:

The Victory Nichrome Wire is manufactured in China JiangSu and is certified with CE. The minimum order quantity for this product is 5 and it comes in two types of packaging: spool package with carton box and coil package with polybag for resistance wire. The delivery time for this product can range from 5 to 21 days. Payment terms include L/C, T/T, Western Union, and MoneyGram. The supply ability is 300 tons per month.

One of the key attributes of Victory Nichrome Wire is its high hardness level. With a HV400-500 hardness, this product is extremely durable and can withstand high levels of stress and pressure. Additionally, the tensile strength of 400-500 MPa and yield strength of 200-300 MPa make it an ideal choice for applications that require high levels of stability and resistance.

The Victory Nichrome Wire also has a Melting Point of 1400-1450°C, making it perfect for high-temperature applications. This product is commonly used in the production of heating elements, as well as in the manufacturing of Nitinol, which is a type of shape-memory alloy that is commonly used in medical devices and other applications.

Overall, Victory Nichrome Wire is a versatile and durable product that is suitable for a wide range of occasions and scenarios. Whether you need to create a high-temperature heating element or produce Nitinol for medical devices, this product is sure to meet your needs. So why wait? Order your Victory Nichrome Wire today and experience the benefits for yourself!

Customization:

Model Number: Nichrome Wire
Place of Origin: China JiangSu
Certification: CE
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
Thermal Conductivity: 15-20 W/mK
Forms: Pipe
Electrical Resistivity: 1.1-1.2 $\mu\Omega\text{m}$
Corrosion Resistance: Excellent
Elongation: 20-30%
Product Customization Services:
- Nitinol alloy option for increased flexibility and shape memory
- Customized pipe diameters and lengths
- Additional corrosion-resistant coating options

Support and Services:

Our technical support team is available to assist with any questions or issues regarding the Nichrome Alloy product. We offer services such as material selection, product customization, and technical expertise to ensure optimal performance and satisfaction with our product. Additionally, we provide troubleshooting assistance and can offer recommendations for proper handling and maintenance of the product. Contact us for further support and information.

Packing and Shipping:

Product Packaging:
The Nichrome Alloy product will be packaged in a sturdy, cardboard box to ensure safe transport.
The box will be labeled with the product name, quantity, and any other relevant information.
Inside the box, the product will be wrapped in bubble wrap or other protective materials to prevent damage during shipping.
Shipping:
The Nichrome Alloy product will be shipped via a reputable courier service.
Shipping options include standard or expedited delivery, depending on the customer's needs.
The customer will receive a tracking number once the product has been shipped.
Shipping costs will be calculated based on the customer's location and the selected delivery method.

FAQ:

Q: What is the brand name of the product?
A: The brand name is Victory.
Q: What is the model number of the product?
A: The model number is Nichrome Wire.
Q: Where is the product manufactured?
A: The product is manufactured in China JiangSu.
Q: What certifications does the product have?
A: The product is certified with CE.
Q: What is the minimum order quantity for the product?
A: The minimum order quantity is 5.
Q: What are the packaging details for the product?
A: The product is available in spool package with Carton box, Coil package with polybag for Resistance wire.
Q: What is the delivery time for the product?
A: The delivery time is between 5-21 days.
Q: What are the payment terms for the product?
A: The payment terms are L/C, T/T, Western Union, MoneyGram.
Q: What is the supply ability of the product?
A: The supply ability is 300 tons per month.



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