



Ni Cr Fe Nichrome Alloy With 1400-1450C Melting Point HV400-500

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

- Elongation: 20-30%
- Magnetic Properties: Non-magnetic
- Density: 8.4 G/cm³
- Melting Point: 1400-1450°C
- Corrosion Resistance: Excellent
- Tensile Strength: 400-500 MPa
- Chemical Composition: Ni-Cr-Fe
- Thermal Expansion: 13-17 $\mu\text{m/mK}$
- Highlight: HV400-500 Nichrome Alloy,
Ni Cr Fe Nichrome Alloy,
1400-1450.C Nichrome Alloy



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Product Description

Product Description:

In addition to its excellent durability and corrosion resistance, the Nichrome Alloy has a thermal expansion rate of 13-17 $\mu\text{m/mK}$. This means that it can withstand extreme temperature changes without warping or becoming damaged. This makes it an ideal material for use in Nitinol pipe production, as the pipes can be used in a wide range of temperatures without worrying about their structural integrity.

The Nichrome Alloy also has a high hardness level of HV400-500. This means that it is highly resistant to wear and tear, making it an excellent material for use in Nitinol pipe production. The pipes will be able to withstand years of use without becoming damaged or worn down.

Overall, the Nichrome Alloy is an excellent choice for Nitinol pipe production. Its superior durability, corrosion resistance, thermal expansion rate, and hardness make it an ideal material for use in a variety of applications. Whether you need to produce Nitinol pipes for industrial or commercial use, the Nichrome Alloy is the perfect material for the job.

Features:

Product Name: Nichrome Alloy

Name: Nichrome Alloy

Corrosion Resistance: Excellent

Yield Strength: 200-300 MPa

Hardness: HV400-500

Chemical Composition: Ni-Cr-Fe

Nichrome Alloy is a type of Nitinol Materials with excellent corrosion resistance, a yield strength of 200-300 MPa, and a hardness of HV400-500. Its chemical composition is primarily made up of Ni-Cr-Fe.

Technical Parameters:

Technical Parameter	Value
Name	Nichrome Alloy
Grades	Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
Applications	Heating Elements, Furnaces, Electrical Components
Tensile Strength	400-500 MPa
Hardness	HV400-500
Density	8.4 G/cm ³
Thermal Expansion	13-17 $\mu\text{m/mK}$
Elongation	20-30%
Electrical Resistivity	1.1-1.2 $\mu\Omega\text{m}$
Magnetic Properties	Non-magnetic

This table does not reflect Nitinol, Nitinol Materials, or Nitinol Pipe.

Applications:

The Victory Nichrome Wire is available in different grades, including Cr15Ni60, Cr20Ni35, Cr20Ni30, and Cr30Ni70. This product is highly recommended for use in various applications due to its outstanding electrical resistivity of 1.1-1.2 $\mu\Omega\text{m}$. The product is available in different forms, including pipe, making it easy to use in different applications.

One of the main applications of the Victory Nichrome Wire is in the production of Nitinol materials. Nitinol is a nickel-titanium alloy that is widely used in different industries due to its unique properties. The Victory Nichrome Wire is an excellent material for producing Nitinol materials due to its excellent corrosion resistance and chemical composition of Ni-Cr-Fe.

The Victory Nichrome Wire is also ideal for use in different heating applications, including heating elements, ovens, and furnaces. The product is highly resistant to corrosion, making it suitable for use in harsh environments. The product is available in different packaging options, including spool package with carton box and coil package with polybag, making it easy to transport and store.

Other applications of the Victory Nichrome Wire include use in the automotive industry, aerospace industry, and medical industry. The product is highly versatile and can be used in different scenarios, making it an ideal choice for various applications. The product has a minimum order quantity of 5 and a supply ability of 300 tons per month, making it easy to order the product in bulk.

The delivery time for the Victory Nichrome Wire is between 5-21 days, and the payment terms include L/C, T/T, Western Union, and MoneyGram. The product is available in different grades, forms, and packaging options, making it easy to use in different applications.

In conclusion, the Victory Nichrome Wire is an excellent product that is highly versatile and can be used in different applications. The product is made in China Jiangsu with the highest quality materials and has met all the necessary quality standards. The product is highly recommended for use in Nitinol materials, heating applications, and different industries.

Customization:

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Place of Origin: China JiangSu
Certification: CE
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Delivery Time: 5-21 days
Payment Terms: L/C, T/T, Western Union, MoneyGram
Supply Ability: 300 tons per month
Chemical Composition: Ni-Cr-Fe
Hardness: HV400-500
Thermal Expansion: 13-17 $\mu\text{m/mK}$
Magnetic Properties: Non-magnetic
Forms: Pipe
Nitinol, Nitinol, Nitinol

Support and Services:

The Nichrome Alloy is a high-resistance alloy comprised of nickel, chromium, and often iron. It is commonly used in the production of heating elements for various applications including industrial furnaces, household appliances, and electrical heating units. Our product technical support and services for Nichrome Alloy include:

Technical consultation regarding the selection and use of Nichrome Alloy

Assistance in designing and customizing heating elements using Nichrome Alloy

Testing and analysis of Nichrome Alloy to ensure quality and performance

Recommendations for proper installation and maintenance of heating elements using Nichrome Alloy

Troubleshooting and repair services for heating elements using Nichrome Alloy

Our team of experts is dedicated to providing the highest level of support and service to ensure the success of your heating element applications using Nichrome Alloy.

Packing and Shipping:

Product Packaging:

The Nichrome Alloy product will be packed in a moisture-proof and air-tight packaging material.

The packaging will be done in a sturdy cardboard box to ensure that the product is not damaged during transit.

The product will be labeled with the necessary information such as product name, quantity, and other details.

Shipping:

The product will be shipped within 2-3 business days of the order being placed.

We use reliable shipping carriers to ensure timely delivery of the product.

Customers will receive a tracking number once the product is shipped.

In case of any damage during transit, customers are requested to contact us immediately for assistance.

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 a 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 this product are spool package with Carton box, Coil package with polybag for Resistance wire.

Q: What is the delivery time for this product?

A: The delivery time for this product is between 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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