



## High Strength Nichrome Alloy Pipes For Heating Elements

### Our Product Introduction

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#### 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

- Forms: Pipe
- Tensile Strength: 400-500 MPa
- Name: Nichrome Alloy
- Yield Strength: 200-300 MPa
- Thermal Conductivity: 15-20 W/mK
- Melting Point: 1400-1450°C
- Applications: Heating Elements, Furnaces, Electrical Components
- Electrical Resistivity: 1.1-1.2  $\mu\Omega\text{m}$
- Highlight: **High Strength Nichrome Alloy Pipes, Heating Elements Nichrome Alloy Pipes, Nichrome Alloy Pipes For Heating Elements**



#### More Images



## Product Description

### Product Description:

One of the most notable features of this Nichrome Alloy product is its non-magnetic properties, which make it an ideal choice for a variety of applications where magnetism is not desired. Additionally, this alloy is known for its excellent corrosion resistance, which allows it to withstand harsh environments and maintain its integrity over time.

The four different grades of this Nichrome Alloy product offer a range of options for clients, depending on their specific needs and applications. The Cr15Ni60 grade is known for its high electrical resistance and excellent oxidation resistance, while the Cr20Ni35 grade offers a balance of high electrical resistance, good oxidation resistance, and high-temperature strength. The Cr20Ni30 grade is similar to the Cr20Ni35 grade but with slightly lower nickel content, making it more cost-effective. Finally, the Cr30Ni70 grade is known for its high-temperature strength and excellent corrosion resistance.

This Nichrome Alloy product is commonly available in the form of a pipe, making it easy to work with and incorporate into a variety of designs and applications. The high density of this alloy also ensures that it is durable and long-lasting, even in challenging environments. In summary, Nitinol Materials' Nichrome Alloy product is an excellent choice for clients who need a non-magnetic, highly corrosion-resistant alloy with a high density and excellent durability. With four different grades to choose from and a convenient pipe form, this product is versatile and suitable for a wide range of applications. Whether you are working in the aerospace, automotive, or industrial sectors, this Nichrome Alloy product is sure to meet your needs and exceed your expectations.

### Features:

Product Name: Nichrome Alloy

Corrosion Resistance: Excellent

Hardness: HV400-500

Melting Point: 1400-1450°C

Forms: Pipe

Chemical Composition: Ni-Cr-Fe

Nichrome Alloy is a high-performance material that offers excellent corrosion resistance and a hardness of HV400-500. With a melting point of 1400-1450°C, it is an ideal choice for applications that require extreme temperature resistance. This alloy is available in pipe form and is composed of Ni-Cr-Fe.

If you are looking for a strong and durable material for your next project, consider Nichrome Alloy, also known as Nitinol or Nitinol Pipe.

### Technical Parameters:

Tensile Strength	400-500 MPa
Grades	Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
Thermal Expansion	13-17 $\mu\text{m/mK}$
Density	8.4 G/cm <sup>3</sup>
Forms	Pipe
Applications	Heating Elements, Furnaces, Electrical Components
Magnetic Properties	Non-magnetic
Elongation	20-30%
Name	Nichrome Alloy
Corrosion Resistance	Excellent

### Applications:

The Victory Nichrome Wire is ideal for use in a variety of heating applications. It is commonly used in the production of heating elements for industrial, commercial, and household appliances such as ovens, toasters, and hair dryers. The wire is also used in the production of resistive heating elements for electric furnaces, boilers, and other heating systems. This product can be used in high-temperature applications, making it ideal for use in industrial ovens, kilns, and other heat-treating equipment.

The Nichrome Wire is also used in the electrical industry for the production of resistance wire. This wire is used as a conductor in various electronic devices such as heating pads, electric blankets, and other electrical appliances. The wire is also used in the production of thermocouples and other temperature sensors where it is highly valued for its high temperature coefficient of resistance.

The Nichrome Wire is available in spool packages with carton boxes or coil packages with polybags. The minimum order quantity is 5, and the delivery time is between 5-21 days. The payment terms are L/C, T/T, Western Union, and MoneyGram. The supply ability is 300 tons per month, ensuring that customers always have access to this versatile and high-quality product.

The Victory Nichrome Wire is CE certified, ensuring that it meets the highest safety and quality standards. This product is a cost-effective alternative to Nitinol, Nitinol Pipe, and other similar products. Its durability, versatility, and excellent thermal conductivity make it an indispensable product in various industries and applications.

## Customization:

## Support and Services:

Our Nichrome Alloy product technical support and services include:  
Expert technical assistance for product selection and use  
Customized alloy composition and fabrication to meet specific customer requirements  
Product testing and analysis to ensure quality and performance  
Technical training and educational resources for customers  
24/7 customer support and troubleshooting assistance  
For further information or assistance, please contact our customer service team.

## Packing and Shipping:

Our Nichrome Alloy product comes in a high-quality packaging to ensure its safe delivery to your doorstep. The product is carefully packed in a sturdy box with proper cushioning to prevent any damage during transit.  
For shipping, we use reliable and trusted carriers to ensure your order reaches you in a timely and secure manner. You will receive a tracking number for your order so you can track its progress until it reaches your location.  
Order now and enjoy the benefits of our top-quality Nichrome Alloy product!

## FAQ:

**Q:** What is the brand name of the Nichrome Alloy product?  
**A:** The brand name is Victory.  
**Q:** What is the model number of the Nichrome Alloy product?  
**A:** The model number is Nichrome Wire.  
**Q:** Where is the Nichrome Alloy product manufactured?  
**A:** The Nichrome Alloy product is manufactured in China JiangSu.  
**Q:** Is the Nichrome Alloy product certified?  
**A:** Yes, it is certified with CE.  
**Q:** What is the minimum order quantity for the Nichrome Alloy product?  
**A:** The minimum order quantity is 5.  
**Q:** What are the packaging details for the Nichrome Alloy product?  
**A:** The packaging details are spool package with Carton box, Coil package with polybag for Resistance wire.  
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**Q:** What is the supply ability for the Nichrome Alloy product?  
**A:** The supply ability is 300 tons per month.



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