



## Corrosion Resistant Nichrome Alloy Cr15Ni60 / Cr20Ni35 Cr20Ni30 Pipe

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

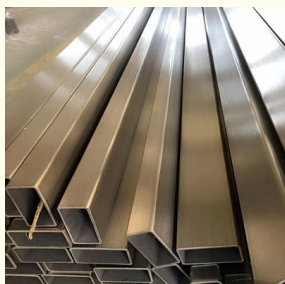


### Product Specification

- Name: Nichrome Alloy
- Grades: Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70
- Applications: Heating Elements, Furnaces, Electrical Components
- Corrosion Resistance: Excellent
- Thermal Conductivity: 15-20 W/mK
- Elongation: 20-30%
- Forms: Pipe
- Electrical Resistivity: 1.1-1.2  $\mu\Omega\text{m}$
- Highlight: **Corrosion Resistant Nichrome Alloy Pipe ,  
Cr15Ni60 Nichrome Alloy Pipe ,  
Cr20Ni35 Nichrome Alloy Pipe**



### More Images



for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

## Product Description

### Product Description:

One of the most significant advantages of the Nichrome Alloy is its excellent corrosion resistance, making it ideal for use in harsh and corrosive environments. This material is resistant to oxidation and corrosion, which helps to maintain its structure and integrity, even when exposed to corrosive materials. This makes it an excellent choice for use in chemical processing, marine, and automotive applications.

The Nichrome Alloy is also known for its exceptional elongation properties, which make it ideal for use in applications that require high levels of ductility and flexibility. The material can be easily drawn into thin wires and sheets, making it an ideal material for use in electrical heating elements and wire mesh. The high elongation properties of the Nichrome Alloy make it an excellent choice for use in applications that require repeated bending and deformation without breaking.

The Nichrome Alloy is commonly used in the production of Nitinol Pipe, which is a type of pipe made from Nitinol materials. Nitinol Pipe is a highly durable and flexible material that is ideal for use in various applications, including medical devices, robotics, and aerospace. The use of Nitinol Pipe has increased in popularity in recent years due to its unique properties, including its ability to change shape when exposed to heat or pressure.

In conclusion, the Nichrome Alloy is an excellent material that offers exceptional properties, including excellent corrosion resistance and elongation properties. Its ability to withstand high temperatures and corrosive environments makes it an ideal choice for use in various industries, including chemical processing, marine, and automotive. The Nichrome Alloy is also commonly used in the production of Nitinol Pipe, which is a highly flexible and durable material that is ideal for use in various applications, including medical devices, robotics, and aerospace.

### Features:

Product Name: Nichrome Alloy

Density: 8.4 G/cm<sup>3</sup>

Elongation: 20-30%

Magnetic Properties: Non-magnetic

Thermal Expansion: 13-17  $\mu\text{m/mK}$

Melting Point: 1400-1450°C

### Technical Parameters:

Technical Parameter	Value
Chemical Composition	Ni-Cr-Fe
Electrical Resistivity	1.1-1.2 $\mu\Omega\text{m}$
Magnetic Properties	Non-magnetic
Applications	Heating Elements, Furnaces, Electrical Components
Corrosion Resistance	Excellent
Forms	Pipe
Tensile Strength	400-500 MPa
Elongation	20-30%
Yield Strength	200-300 MPa
Thermal Expansion	13-17 $\mu\text{m/mK}$

### Applications:

The Victory Nichrome Wire is a popular choice for many applications due to its unique properties. With a yield strength of 200-300 MPa and non-magnetic properties, it is an ideal material for use in the manufacturing of medical devices, including Nitinol implants and Nitinol pipes. Its high electrical resistivity of 1.1-1.2  $\mu\Omega\text{m}$  also makes it a great choice for heating elements in various appliances, such as toasters and hair dryers. Additionally, it has a thermal conductivity of 15-20 W/mK and an elongation of 20-30%, making it ideal for use in heating elements that require flexibility and durability.

The Victory Nichrome Wire is a versatile product that can be used in a range of industries and scenarios. In the medical industry, it is commonly used in the manufacturing of Nitinol implants, which are used to support and stabilize broken bones. It is also used in the production of Nitinol pipes, which are used in various medical procedures, including stents and catheters.

Other applications for the Victory Nichrome Wire include the manufacturing of heating elements for appliances such as toasters and hair dryers. Its high electrical resistivity and thermal conductivity make it an ideal material for these applications. Additionally, its non-magnetic properties make it a great choice for use in sensitive electronic devices.

In summary, the Victory Nichrome Wire is a high-quality product from China JiangSu that is CE certified and has a minimum order quantity of 5. With its unique properties, including non-magnetic properties, high electrical resistivity, and thermal conductivity, it is an

ideal material for use in a range of applications, including Nitinol implants, Nitinol pipes, and heating elements for appliances. Its versatility and durability make it a popular choice for businesses and individuals alike.

## Customization:

Brand Name: Victory

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

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

Elongation: 20-30%

Hardness: HV400-500

Magnetic Properties: Non-magnetic

Tensile Strength: 400-500 MPa

Customization services for Nitinol, Nitinol Pipe, Nitinol Pipe are not available for this product.

## Support and Services:

The Nichrome Alloy product technical support and services include:

Expert assistance with product selection and application

Technical consultation and troubleshooting

Product training and education

Customized product development

Product testing and analysis

Warranty and repair services

## Packing and Shipping:

Product: Nichrome Alloy

Description: A highly resistant alloy composed of nickel, chromium, and other metals, used in heating elements, electric furnaces, and resistance wires.

Packaging: Each roll of Nichrome Alloy will be individually wrapped in bubble wrap and placed in a sturdy cardboard box to ensure safe transportation.

Shipping: We offer worldwide shipping for our Nichrome Alloy product. We use reliable carriers to ensure timely and secure delivery of your order.

## 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 manufactured?

**A:** This product is manufactured in China JiangSu.

**Q:** Does this product have any certifications?

**A:** Yes, this product is CE certified.

**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:** This product comes with spool package with carton box or 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.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu