

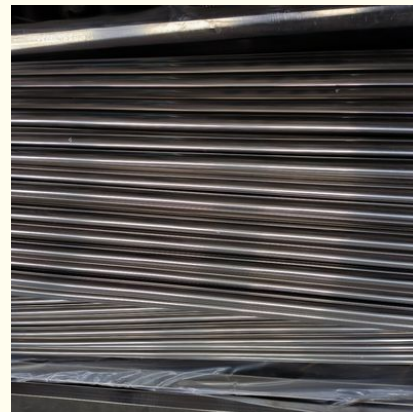


## Thermal Conductivity 15-20 W/mK Nitinol Pipe With Excellent Wear Resistance

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

- Forms: Pipe
- Yield Strength: 200-300 MPa
- Electrical Resistivity: 1.1-1.2  $\mu\Omega\text{m}$
- Density: 8.4 G/cm<sup>3</sup>
- Thermal Conductivity: 15-20 W/mK
- Name: Nichrome Alloy
- Thermal Expansion: 13-17  $\mu\text{m/mK}$
- Magnetic Properties: Non-magnetic
- Highlight: **15-20 W/mK Nitinol Pipe ,  
Thermal Conductivity Nitinol Pipe,  
Excellent Wear Resistance Nitinol Pipe**



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## Product Description

### Product Description:

With a hardness level of HV400-500, this alloy is one of the toughest and most durable metals available in the market. It can withstand high temperatures and pressure, making it an ideal choice for various industrial applications.

The Nichrome Alloy product is available in different grades, including Cr15Ni60, Cr20Ni35, Cr20Ni30, and Cr30Ni70. Each grade has its unique features and properties that make it suitable for specific applications. For instance, Cr15Ni60 is commonly used in heating elements, while Cr20Ni30 is used in electrical resistance wires.

One of the most notable features of this alloy is its non-magnetic properties. Unlike other metals, the Nichrome Alloy product does not attract magnets, making it an ideal choice for various electrical and electronic applications.

This alloy also has excellent thermal conductivity, with a range of 15-20 W/mK. This property makes it an ideal choice for applications that require efficient heat transfer. Additionally, it has good elongation properties, which means that it can be stretched without breaking. The elongation ranges from 20-30%, depending on the grade.

The Nichrome Alloy product is widely used in various industries, including aerospace, automotive, medical, and electronics. It is commonly used in the manufacturing of heating elements, resistors, thermocouples, and other electrical components. It is also used in the production of Nitinol, a shape memory alloy that is used in various medical and dental applications.

If you are looking for a durable, heat-resistant, and non-magnetic alloy, the Nichrome Alloy product is an excellent choice. Whether you need it for industrial or commercial applications, this alloy is sure to meet your needs.

Invest in the Nichrome Alloy product today and experience the benefits of this exceptional alloy.

### Features:

Product Name: Nichrome Alloy

Melting Point: 1400-1450°C

Magnetic Properties: Non-magnetic

Corrosion Resistance: Excellent

Chemical Composition: Ni-Cr-Fe

Hardness: HV400-500

This product is a type of Nitinol Materials that has excellent corrosion resistance and non-magnetic properties. It is composed of Ni-Cr-Fe and has a melting point of 1400-1450°C with a hardness level of HV400-500.

### Technical Parameters:

Technical Parameter	Description
Chemical Composition	Ni-Cr-Fe
Electrical Resistivity	1.1-1.2 $\mu\Omega\text{m}$
Magnetic Properties	Non-magnetic
Melting Point	1400-1450°C
Forms	Pipe
Thermal Expansion	13-17 $\mu\text{m/mK}$
Tensile Strength	400-500 MPa
Elongation	20-30%
Applications	Heating Elements, Furnaces, Electrical Components
Grades	Cr15Ni60, Cr20Ni35, Cr20Ni30, Cr30Ni70

Nitinol, Nitinol, Nitinol

### Applications:

The Victory Nichrome Wire is ideal for various applications. It is commonly used for heating elements, furnaces, and electrical components. The thermal conductivity of the Nichrome Wire ranges from 15-20 W/mK, making it a reliable heating source.

The Nichrome Wire is available in spool or coil packages, with a minimum order quantity of 5. The packaging details include a spool package with carton box or a coil package with polybag for resistance wire.

The product is certified with CE and has a supply ability of 300 tons per month. Delivery time ranges from 5-21 days, and payment terms include L/C, T/T, Western Union, and MoneyGram.

In addition to its excellent properties, the Victory Nichrome Wire is also a cost-effective solution for heating needs. Customers can benefit from using this product instead of more expensive options such as Nitinol.

Overall, the Victory Nichrome Wire is a versatile and reliable product that can be used in various occasions and scenarios. Its high quality and affordability make it a popular choice for heating needs.

### Customization:

## Support and Services:

Our Nichrome Alloy product comes with comprehensive technical support and services to ensure optimal performance and longevity of the product. Our team of experts is available to provide guidance and assistance with installation, operation, and maintenance of the product. We also offer repair and replacement services in case of any defects or issues. Additionally, we provide training and education on the proper use and handling of the product to ensure safety and efficiency. Contact us to learn more about our technical support and services for Nichrome Alloy.

## Packing and Shipping:

Product Packaging:

Our Nichrome Alloy product is carefully packaged to ensure safe delivery to our customers. The product is wrapped in protective material and placed in a sturdy cardboard box to prevent any damage during transit.

Shipping:

We offer fast and reliable shipping options to our customers. The shipping time may vary depending on the destination, but we do our best to ensure that our products are delivered to our customers in a timely manner. Once your order is shipped, we will provide you with a tracking number so that you can track your package until it reaches your doorstep.

## FAQ:

**Q: What is the brand name of the Nichrome Alloy product?**

A: The brand name of the product is Victory.

**Q: What is the model number of the Nichrome Alloy product?**

A: The model number of the product is Nichrome Wire.

**Q: Where is the Nichrome Alloy product manufactured?**

A: The product is manufactured in China JiangSu.

**Q: What certifications does the Nichrome Alloy product have?**

A: The product is certified with CE.

**Q: What is the minimum order quantity for the Nichrome Alloy product?**

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

**Q: How is the Nichrome Alloy product packaged?**

A: The product is packaged in spool package with Carton box or coil package with polybag for resistance wire.

**Q: What is the delivery time for the Nichrome Alloy product?**

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

**Q: What are the payment terms for the Nichrome Alloy product?**

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

**Q: What is the supply ability of the Nichrome Alloy product?**

A: The supply ability of the 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