



## Annealed FeCrAl Wire High Temperature 1.35-1.45 $\mu\Omega\cdot\text{m}$ Resistivity

Our Product Introduction

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### Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Model Number: FeCrAl



### Product Specification

- Tensile Strength:  $\geq 650$  MPa
- Max Operating Temperature:  $1400^{\circ}\text{C}$
- Resistivity:  $1.35 - 1.45 \mu\Omega\cdot\text{m}$
- Condition: Hard / Soft
- Magnetic Properties: Magnetic
- Elongation:  $\geq 12\%$
- Application: Heating, Resistivity
- Specific Heat Capacity:  $0.49 \text{ J/g}\cdot\text{K}$
- Highlight: **Annealed FeCrAl Wire,  
High Temperature FeCrAl Wire,  
 $1.35-1.45 \mu\Omega\cdot\text{m}$  FeCrAl Wire**



### Product Description:

The FeCrAl wire is available in a variety of different surface finishes, including bright, oxidized, and acide. This allows users to select the right finish for their specific needs and applications. The bright finish is ideal for applications where appearance is important, while the oxidized and acide finishes provide enhanced corrosion resistance.

The FeCrAl wire is commonly used in heating applications due to its high resistivity and ability to withstand high temperatures. It has a maximum working temperature of 1250°C, which makes it suitable for use in a wide range of heating applications. Additionally, the wire has a resistivity of 1.35 - 1.45  $\mu\Omega\cdot\text{m}$ , which makes it ideal for use in resistors and other electrical components.

The FeCrAl wire is available in a range of different packaging options, including spools and coils. This allows users to select the right packaging option for their specific needs and applications. The wire is also available in a bare copper option, which is ideal for use in applications where corrosion resistance is not a major concern.

In summary, the FeCrAl wire is a high-quality, high-resistance heating wire that is suitable for use in a variety of different applications. It is available in a range of different surface finishes and packaging options, making it a versatile and flexible option for users. Whether you are looking for a wire for your heating element, resistor, or other electrical component, the FeCrAl wire is an excellent choice.

### Applications:

The Victory FeCrAl Wire is a versatile product that can be used for a variety of applications. Here are some common occasions and scenarios where this product can be utilized:

#### Heating Elements

The Victory FeCrAl Wire is an excellent choice for creating heating elements. Its high maximum operating temperature of 1400°C makes it ideal for use in industrial furnaces, heaters, and ovens. It is also highly durable and can withstand high temperatures for extended periods of time without breaking or losing its shape.

#### Black Annealed Tie Wire

The Victory FeCrAl Wire can also be used as black annealed tie wire. Its high tensile strength and elongation of  $\geq 12\%$  allow it to be used for binding and securing materials. Its black annealed finish gives it a professional and clean appearance.

#### Annealed FeCrAl Wire

The Victory FeCrAl Wire can also be used as annealed wire. Its high elongation and specific heat capacity of 0.49 J/g·K make it ideal for use in applications where flexibility and heat resistance are required. It can be used for a variety of applications such as wire mesh, wire ropes, and wire cloth.

#### Bright Steel FeCrAl Wire

The Victory FeCrAl Wire can also be used as bright steel wire. Its high temperature resistance and durability make it ideal for use in industrial applications such as wire brushes, springs, and welding wire. Its bright steel finish gives it a professional and polished appearance.

Overall, the Victory FeCrAl Wire is a reliable and versatile product that can be used in a variety of applications. Its durable and heat-resistant properties make it ideal for use in industrial and commercial settings.

### Customization:

Customize your FeCrAl Wire with Victory's Product Customization Services:

Brand Name: Victory

Model Number: FeCrAl

Place of Origin: China JiangSu

Tensile Strength:  $\geq 650$  MPa

Coefficient Of Thermal Expansion:  $15.4 \times 10^{-6}/\text{K}$

Elongation:  $\geq 12\%$

Specific Heat Capacity: 0.49 J/g·K

Condition: Hard / Soft

We offer customization options for:

Annealed FeCrAl Wire

Bare Copper FeCrAl Wire

Hard / Soft FeCrAl Wire

### Support and Services:

Our FeCrAl Wire product comes with comprehensive technical support and services to ensure proper usage and optimal performance.

Our team of experts is available to assist with any questions or issues you may encounter with the product.

We offer the following technical support and services:

Product selection assistance

Installation guidance

Troubleshooting

Repair and maintenance support

Product documentation and specifications

Our goal is to provide you with the highest level of customer satisfaction. If you have any questions or concerns about our FeCrAl Wire product, please do not hesitate to contact us.

## Packing and Shipping:

### Product Packaging:

The FeCrAl wire product will be packaged in a sturdy cardboard box with internal padding to ensure that the wire stays in place during shipping. The box will be labeled with the product name, quantity, and any necessary handling instructions.

### Shipping:

The FeCrAl wire product will be shipped via a reliable courier service that provides tracking information and insurance. The shipping cost will be calculated based on the destination and weight of the package. Customers will be provided with a tracking number once the order has been shipped.

## 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 FeCrAl.

### Q: Where is this product manufactured?

A: This product is manufactured in China JiangSu.

### Q: What is the composition of the FeCrAl wire?

A: The FeCrAl wire is composed of iron, chromium and aluminum. It has high resistance to oxidation, corrosion, and high temperature.

### Q: What applications is the FeCrAl wire commonly used for?

A: The FeCrAl wire is commonly used in various heating applications such as heating elements for industrial and household appliances, as well as in the production of resistors and heating wires for electronic cigarettes.



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