



FeCrAl Wire Durable Customizable Heating Element For Industrial

Our Product Introduction

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Basic Information

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



Product Specification

- Max Operating Temperature: 1400°C
- Tensile Strength: ≥ 650 MPa
- Application: Heating, Resistivity
- Magnetic Properties: Magnetic
- Specific Heat Capacity: 0.49 J/g·K
- Material: FeCrAl (Iron-Chromium-Aluminum)
- Surface: Bright, Oxidized, Or Annealed
- Max Working Temperature: 1250°C
- Highlight: **Industrial FeCrAl Wire,
Customizable FeCrAl Wire, Durable FeCrAl Wire**



Product Description

Product Description:

Choose from bright steel FeCrAl wire, which has a shiny and reflective surface, or oxidized FeCrAl wire, which has a darker appearance due to the thin layer of oxide on the surface. For applications where a softer wire is needed, annealed FeCrAl wire is also available. Our FeCrAl wire has a resistivity of 1.35 - 1.45 $\mu\Omega\cdot m$, making it an ideal choice for high-temperature applications. Its magnetic properties also make it suitable for use in electromagnetic devices.

In addition to its high-temperature resistance, FeCrAl wire also has a specific heat capacity of 0.49 J/g·K, making it an excellent choice for applications where heat dissipation is important. With a melting point of 1500°C, you can be sure that our FeCrAl wire will stand up to even the most extreme heat.

Whether you're looking for wire for use in heating elements, resistors, or other high-temperature applications, our FeCrAl wire is the perfect choice. Order now and experience the durability and reliability of this high-quality wire.

Applications:

The bare copper FeCrAl wire is suitable for many applications, including heating elements, heating cables, and resistors. It is an excellent choice for industrial heating applications because of its high resistivity of 1.35-1.45 $\mu\Omega\cdot m$ and a maximum operating temperature of 1400°C. The wire's tensile strength of ≥ 650 MPa makes it strong and durable, making it a reliable choice for industrial applications that require high strength and resistance to wear and tear.

The alloy FeCrAl wire is ideal for use in the production of various heating elements, such as electric ovens, electric stoves, and heating units in industrial applications. Its coefficient of thermal expansion of $15.4 \times 10^{-6}/K$ makes it highly resistant to thermal shock, ensuring that it can withstand temperature changes without warping or deforming. Its specific heat capacity of 0.49 J/g·K is also an added advantage, making it an excellent choice for heating applications that require quick and efficient heat transfer.

Black annealed tie wire made from FeCrAl wire is suitable for many applications that require a strong and durable wire. Its high tensile strength of ≥ 650 MPa makes it an ideal choice for use in construction, where it can be used for tying rebar together. The wire's high resistivity of 1.35-1.45 $\mu\Omega\cdot m$ also makes it an excellent choice for use in electrical applications, such as grounding wires and electrical connections.

In conclusion, Victory's FeCrAl wire is a versatile product that can be used in a variety of applications. Its high resistivity, maximum operating temperature, and high tensile strength make it an excellent choice for industrial and electrical applications. Whether you need bare copper FeCrAl wire, alloy FeCrAl wire, or black annealed tie wire, Victory's FeCrAl wire is a reliable and durable choice.

Customization:

Looking for customized FeCrAl wire? Look no further than Victory's FeCrAl wire, available for customization to meet your specific needs and requirements.

Our FeCrAl wire is available in a variety of models, including our popular Black Annealed Tie Wire, Bright Steel FeCrAl Wire, and Bare Copper FeCrAl Wire.

Originating from China JiangSu, our FeCrAl wire boasts impressive specifications, including a specific heat capacity of 0.49 J/g·K, a tensile strength of ≥ 650 MPa, and a melting point of 1500°C.

With a maximum operating temperature of 1400°C and a coefficient of thermal expansion of $15.4 \times 10^{-6}/K$, Victory's FeCrAl wire is the perfect choice for your customization needs.

Support and Services:

Our FeCrAl Wire product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to provide guidance on product selection, installation, and troubleshooting. We also offer customized solutions to meet specific customer requirements.

Our technical support services include:

Product selection guidance

Installation support

Troubleshooting assistance

Customized solutions

Technical documentation and specifications

Our goal is to ensure that our customers have the resources and support they need to achieve the best possible performance and longevity from our FeCrAl Wire product.

Packing and Shipping:

Product Packaging:

The FeCrAl wire product is wrapped with a layer of protective film to prevent any damages during transportation. The wire is then packed in a cardboard spool with proper labeling of the product name, size, quantity, and other necessary details. The spool is further packed in a sturdy cardboard box with sufficient cushioning materials to avoid any possible damages during shipping.

Product Shipping:

We use reliable shipping services to deliver the FeCrAl wire product to our customers. The shipping cost may vary depending on the size and quantity of the order, as well as the destination. We ensure that the product is shipped within the promised time-frame and reaches our customers in good condition. Tracking details will be provided to customers once the order is shipped.

FAQ:

Q: What is FeCrAl wire?

A: FeCrAl wire is an alloy made of iron, chromium, and aluminum. It is known for its high resistance to heat and oxidation, making it ideal for use in high-temperature applications.

Q: What is the brand name of this FeCrAl wire?

A: The brand name of this FeCrAl wire is Victory.

Q: Where is this FeCrAl wire made?

A: This FeCrAl wire is made in China, specifically in JiangSu province.

Q: What is the model number of this FeCrAl wire?

A: The model number of this FeCrAl wire is FeCrAl.

Q: What are some common applications for FeCrAl wire?

A: FeCrAl wire is commonly used in heating elements, industrial furnaces, and electrical heating systems.



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