



FeCrAl Wire Professional Grade Heating Wire For Superior Heat Resistance And Durability

Our Product Introduction

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Basic Information

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



Product Specification

- Application: Heating, Resistivity
- Resistivity: $1.35 - 1.45 \mu\Omega \cdot m$
- Max Working Temperature: $1250^{\circ}C$
- Surface: Bright, Oxided, Acide
- Surface: Bright, Oxidized, Or Annealed
- Magnetic Properties: Magnetic
- Material: FeCrAl (Iron-Chromium-Aluminum)
- Coefficient Of Thermal Expansion: $15.4 \times 10^{-6}/K$
- Highlight: **Superior Heat Resistance FeCrAl Wire, Professional Grade FeCrAl Wire**



More Images



Product Description

Product Description:

The FeCrAl wire is available in three different surface finishes: bright, oxidized, and acide. The bright surface finish is highly polished and has a shiny appearance that makes it perfect for use in decorative applications. The oxidized surface finish is treated with a special oxide coating that helps to improve its resistance to corrosion and oxidation. The acide surface finish is treated with a special acid solution that gives it a matte finish and makes it highly resistant to rust and other types of corrosion.

The FeCrAl wire has a minimum tensile strength of 650 MPa, which makes it highly durable and resistant to bending and breaking. It also has a coefficient of thermal expansion of $15.4 \times 10^{-6}/K$, which means that it can expand and contract without losing its strength or shape. Additionally, the FeCrAl wire has an elongation of at least 12%, which means that it can be stretched without breaking.

Overall, the FeCrAl wire is a versatile and reliable wire that is perfect for use in a variety of heating and resistivity applications. Whether you need a bright steel FeCrAl wire for decorative purposes or a black annealed tie wire for industrial use, the FeCrAl wire is sure to meet your needs and exceed your expectations.

Applications:

The FeCrAl wire's resistivity ranges from 1.35-1.45 $\mu\Omega\cdot m$, making it an excellent choice for electrical heating elements. It can be used in various heating applications such as industrial furnaces, household appliances, and electric heating elements for cars. The wire's magnetic properties make it ideal for applications that require a magnetic field such as electromagnetic shields.

One of the applications of the Victory FeCrAl wire is in the production of Black Annealed Tie Wire. The wire's high strength and durability make it an ideal material for tie wires used in the construction industry. The wire can be used to tie rebar together, hold mesh in place, and tie bags for construction materials such as sand and gravel.

The Victory FeCrAl wire can also be used alongside Copper Clad Steel Wire. The two wires can be combined to form a strong and electrically conductive wire that can be used in various electrical applications. The wire's high resistivity and magnetic properties make it ideal for applications such as inductors, resistors, and transformers.

In conclusion, the Victory FeCrAl wire is a versatile and reliable wire that can be used in various industries. Its high strength, heat resistance, and magnetic properties make it ideal for applications that require durability and strength. Whether it is in the production of Black Annealed Tie Wire or as a Copper Clad Steel Wire, the Victory FeCrAl wire is guaranteed to deliver on its promise of quality and reliability.

Customization:

Brand Name: Victory

Model Number: FeCrAl

Place of Origin: China JiangSu

Surface: Bright, Oxidized, Acide

Tensile Strength: ≥ 650 MPa

Condition: Hard / Soft

Packing: On Spool or In Coils

Elongation: $\geq 12\%$

Whether you require Annealed FeCrAl Wire, Black Annealed Tie Wire or any other type of FeCrAl wire, we can customize your order to meet your exact specifications. Contact us today to learn more about our product customization services.

Support and Services:

Our FeCrAl wire products are designed to meet the highest standards of quality and performance. We offer technical support and services to assist with any questions or concerns you may have regarding the use and maintenance of our products.

Our team of experts is available to provide assistance with product selection, installation, and troubleshooting. We can also provide guidance on best practices for handling and storing our FeCrAl wire products to ensure optimal performance and longevity.

In addition to technical support, we offer a range of services to help you get the most out of our products. These services include custom fabrication and machining, as well as product testing and analysis to ensure that our products meet your specific requirements.

At FeCrAl Wire, we are committed to providing our customers with the highest level of support and service. Contact us today to learn more about how we can assist you with your FeCrAl wire needs.

Packing and Shipping:

Product Packaging:

The FeCrAl Wire product will be packaged in a sturdy and durable cardboard box.

The box will have the product name, quantity, and specifications printed on it.

The wire will be coiled neatly and secured with zip ties or rubber bands.

The box will be sealed with strong packing tape to ensure the product stays in place during shipping.

Shipping:

The FeCrAl Wire product will be shipped through a reliable and trusted carrier.

The shipping method will be chosen based on the customer's preference and the product's destination.

The product will be shipped within 1-2 business days of the order being placed.

A tracking number will be provided to the customer once the product has shipped.

The customer will be responsible for any customs or import duties that may apply.

FAQ:

Q: What is the brand name of this product?

A: The brand name is Victory.

Q: What is the model number of this product?

A: The model number 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.

Q: What are the typical applications of the FeCrAl wire?

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



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