



FeCrAl Wire Versatile Long-Lasting Heating Element For Industrial Needs

Our Product Introduction

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Basic Information

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



Product Specification

- Melting Point: 1500°C
- Resistivity: 1.35 - 1.45 $\mu\Omega\cdot m$
- Magnetic Properties: Magnetic
- Max Operating Temperature: 1400°C
- Elongation: $\geq 12\%$
- Coefficient Of Thermal Expansion: $15.4 \times 10^{-6}/K$
- Application: Heating, Resistivity
- Tensile Strength: ≥ 650 MPa
- Highlight: **Industrial FeCrAl Wire,
Long-Lasting FeCrAl Wire,
Versatile FeCrAl Wire**



Product Description

Product Description:

The Bare Copper FeCrAl Wire is an ideal choice for applications that require high-temperature resistance, such as heating elements, furnace heating, and electrical heating. The wire has a specific heat capacity of 0.49 J/g·K, which means that it can absorb and release heat efficiently. This makes it an excellent choice for use in applications where temperature control is critical.

The melting point of the Bare Copper FeCrAl Wire is 1500°C, which is much higher than that of copper or steel. This makes it an ideal choice for applications where high-temperature resistance is required. The wire also has a coefficient of thermal expansion of $15.4 \times 10^{-6}/K$, which means that it can withstand thermal stress and changes in temperature without breaking or deforming.

The Bare Copper FeCrAl Wire has magnetic properties, making it an ideal choice for use in electromagnetic applications. The wire can be used in a variety of different industries, including aerospace, automotive, and electronics. The wire is particularly useful in applications where high-temperature resistance and corrosion resistance are required.

The Bare Copper FeCrAl Wire can be used in conjunction with other types of wire, such as copper clad steel wire. This can help to improve the overall performance of the wire, particularly in applications where high conductivity is required.

In conclusion, the Bare Copper FeCrAl Wire is a high-quality wire that offers exceptional high-temperature resistance, corrosion resistance, and magnetic properties. The wire is available in different sizes and can be packed on spools or in coils, depending on the customer's requirements. It is an ideal choice for use in applications that require high-temperature resistance and thermal stability, such as heating elements, furnace heating, and electrical heating.

Applications:

The Victory FeCrAl wire is a versatile product that is suitable for a variety of applications. Its high tensile strength of at least 650 MPa makes it a durable and reliable choice for heating and resistivity purposes.

One common application of the Victory FeCrAl wire is in heating elements. The wire's resistance to high temperatures and oxidation makes it an ideal choice for use in ovens, toasters, and other appliances that require consistent and reliable heating. The wire's bright surface is particularly well-suited for use in these applications, as it provides a clean and polished appearance that is important in many consumer products.

The Victory FeCrAl wire is also an excellent choice for use in resistors. Its high resistivity and consistent performance make it a popular choice in electronics manufacturing. The wire is available in a variety of conditions, including hard and soft, to meet the specific needs of different applications.

In addition to its use as a bare copper FeCrAl wire, the Victory brand also offers copper clad steel wire and bright steel FeCrAl wire.

These products are ideal for applications where a high degree of conductivity is required, such as in telecommunications and electrical power transmission.

The Victory FeCrAl wire is manufactured in China JiangSu, a region known for its high-quality steel products. The wire is available in a variety of packing options, including on spools or in coils, to meet the needs of different customers. Whether you need a small amount of wire for a DIY project or a large quantity for use in a manufacturing facility, Victory has the product and packaging options to meet your needs.

Customization:

- Copper Clad Steel Wire
- Black Annealed Tie Wire
- Bare Copper FeCrAl Wire
- Brand Name: Victory
- Model Number: FeCrAl
- Place of Origin: China JiangSu
- Resistivity: 1.35 - 1.45 $\mu\Omega \cdot m$
- Melting Point: 1500°C
- Condition: Hard / Soft
- Coefficient Of Thermal Expansion: $15.4 \times 10^{-6}/K$
- Max Working Temperature: 1250°C

Support and Services:

Our FeCrAl Wire product is backed by our expert technical support and services team. We offer troubleshooting assistance, product selection guidance, and custom design solutions to meet your specific requirements. Our team is dedicated to ensuring that you receive the highest level of support throughout the lifespan of your product. We also offer comprehensive training programs to help you get the most out of your FeCrAl Wire product. Contact us today to learn more about our technical support and services.

Packing and Shipping:

Product Packaging:

The FeCrAl Wire product will be packaged in a sturdy cardboard box with appropriate cushioning materials to prevent any damage during transit. The box will be labeled with the product name, quantity, and any other necessary information.

Shipping:

The product will be shipped via a reliable and reputable courier service, such as UPS or FedEx. The shipping cost will be calculated based on the destination and weight of the package. The customer will be provided with a tracking number to monitor the shipment's progress. Delivery times may vary, depending on the customer's location.

FAQ:

A: The brand name of the FeCrAl wire is Victory.
Q: What is the model number of the FeCrAl wire?
A: The model number of the FeCrAl wire is FeCrAl.
Q: Where is the FeCrAl wire manufactured?
A: The FeCrAl wire is manufactured in China JiangSu.
Q: What are the available sizes of the FeCrAl wire?
A: The FeCrAl wire is available in various sizes.
Q: What are the typical applications of the FeCrAl wire?
A: The FeCrAl wire is commonly used in heating elements, kilns, and furnaces.



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