



## FeCrAl Alloy Versatile Long-Lasting Heating Solution For Industries

Our Product Introduction

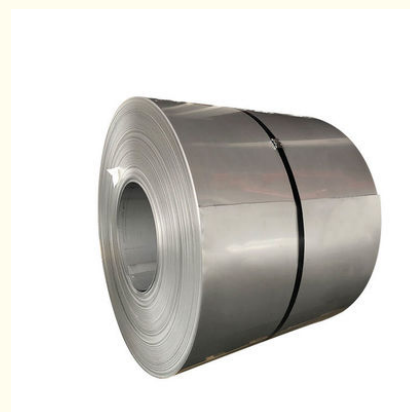
### Basic Information

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



### Product Specification

- Highlight: Versatile FeCrAl Alloy,  
Long-Lasting FeCrAl Alloy,  
Resistance Heating Alloy Plate



### More Images



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## Product Description

### Product Description:

The FeCrAl Alloy can be manufactured in various lengths depending on the customer's requirement. Its density is 7.1, making it a lightweight and durable material for industrial applications. The bright status of the alloy enhances its aesthetic appeal and makes it ideal for decorative purposes.

One of the most significant advantages of the FeCrAl Alloy is its excellent corrosion resistance. The alloy can withstand harsh environments and is highly resistant to corrosion caused by acids, alkalis, and other corrosive materials. This unique feature makes it ideal for use in chemical and petrochemical industries.

The FeCrAl Alloy contains 80% nickel, which provides it with exceptional mechanical properties. It has high-temperature strength, making it ideal for use in high-temperature applications such as furnace heating elements, kilns, and industrial ovens. The alloy is also known for its low thermal expansion coefficient, which makes it resistant to thermal stress and thermal shock. In summary, the FeCrAl Alloy is an exceptional Iron-Base Alloy that is widely used in various industries due to its exceptional properties. Its Ferritic Stainless Steel composition, lightweight, and excellent corrosion resistance make it ideal for use in chemical and petrochemical industries. Its 80% nickel composition provides it with exceptional mechanical properties, making it ideal for high-temperature applications. Its low thermal expansion coefficient makes it resistant to thermal stress and thermal shock. The FeCrAl Alloy is a reliable and durable material that can withstand harsh environments, making it a popular choice for industrial applications.

### Applications:

One of the main applications for Victory's FeCrAl Alloy is in the production of Ferro Silicon Alloy. Ferro Silicon Alloy is used in the production of steel and other alloys, and the FeCrAl Alloy is an essential component in its production. The FeCrAl Alloy's excellent corrosion resistance makes it an ideal choice for use in the production of Ferro Silicon Alloy.

Another application for Victory's FeCrAl Alloy is in the production of Ferritic Stainless Steel. Ferritic Stainless Steel is a type of stainless steel that is known for its excellent corrosion resistance and high-temperature strength. The FeCrAl Alloy's high tensile strength of 600-800 MPa and excellent corrosion resistance make it an ideal choice for use in the production of Ferritic Stainless Steel.

The FeCrAl Alloy is also used in various other applications, such as heating elements, industrial furnaces, and electrical resistance wires. The FeCrAl Alloy's high-temperature strength and thermal expansion rate make it an ideal choice for use in these applications.

The length of the FeCrAl Alloy can be customized to meet the specific requirements of the customer. Victory's FeCrAl Alloy product is of high quality, and its excellent corrosion resistance, high-temperature strength, and thermal expansion rate make it an ideal choice for various applications across different industries.

### Support and Services:

Our FeCrAl alloy product is designed to provide high levels of resistance to oxidation and corrosion, making it ideal for use in a variety of applications. Our technical support team is available to provide assistance with product selection, performance optimization, and troubleshooting. We also offer a range of services, including product customization, testing, and analysis. Our goal is to ensure that our customers have access to the resources they need to get the most out of our FeCrAl alloy product.

### Packing and Shipping:

**Product Packaging:**

The FeCrAl alloy product will be packaged in a sturdy cardboard box with sufficient padding to prevent damage during transportation. Each box will contain the product, along with any necessary instructions and safety information.

**Shipping:**

The FeCrAl alloy product will be shipped via a reliable courier service, such as UPS or FedEx, to ensure timely and secure delivery. Shipping costs will be calculated based on the destination and weight of the package. Customers will be provided with a tracking number to monitor the delivery status of their order.

### FAQ:

**A:** Victory FeCrAl Alloy is a high-resistance alloy made of iron, chromium, and aluminum. It is widely used in heating elements, industrial furnaces, and other high-temperature applications.

**2. Q:** What is the maximum operating temperature of Victory FeCrAl Alloy?

**A:** The maximum operating temperature of Victory FeCrAl Alloy is around 1300°C (2372°F). However, this may vary depending on the specific grade and application.

**3. Q:** What are the advantages of using Victory FeCrAl Alloy over other heating elements?

**A:** Victory FeCrAl Alloy has several advantages over other heating elements, including high resistance to oxidation and corrosion, excellent mechanical strength, and good ductility. It also has a low temperature coefficient of resistance, which means it maintains its resistance under varying temperatures.

**4. Q:** Can Victory FeCrAl Alloy be customized according to specific requirements?

**A:** Yes, Victory FeCrAl Alloy can be customized according to specific requirements, including size, shape, and resistance. Please contact our sales team for more information.

**5. Q:** Where is Victory FeCrAl Alloy manufactured?

**A:** Victory FeCrAl Alloy is manufactured in China, where we have a dedicated production facility that uses advanced equipment and techniques to ensure consistent quality and performance.



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