



Wire Or Spring FeCrAl Alloy Strip For Manufacturing

Our Product Introduction

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Basic Information

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



Product Specification

- Powder Or Not: Not Powder
- Temperature Range: Up To 1400°C
- Conductor Material: Resistant Wire
- Tensile Strength: 600-800 MPa
- Thermal Conductivity: 11.2 W/m-K
- Resistivity: 1.35+/-0.05
- Elongtaion: >25%
- Diameter: 0.457mm
- Highlight: **Wire FeCrAl Alloy Strip,
Spring FeCrAl Alloy Strip,
Manufacturing FeCrAl Alloy Strip**

Product Description

Product Description:

The FeCrAl Strip has a tensile strength of 600-800 MPa, making it strong enough to withstand various industrial applications. The strip can be supplied in the form of wire or spring, depending on the customer's requirements. It is not powder-coated, which means that it is ready for use right out of the package.

One of the main advantages of the FeCrAl Strip is its high resistance to oxidation and corrosion. The alloy contains a high percentage of chromium and aluminum, which form a protective oxide layer on the surface of the strip when exposed to air or other oxidizing agents. This layer acts as a barrier that prevents further oxidation and corrosion, thereby extending the lifespan of the strip.

In addition to its excellent corrosion resistance, the FeCrAl Strip also has good mechanical properties. It has an elongation of over 25%, which means that it can be easily formed and shaped into various configurations without cracking or breaking. This makes it an ideal material for heating elements and other applications that require precise shapes and sizes.

In summary, the FeCrAl Strip is a high-quality material that offers excellent resistance to high temperatures, oxidation, and corrosion. It is strong, versatile, and easy to work with, making it a popular choice for many industrial applications. Whether you need heating elements, industrial furnaces, or electrical appliances, the FeCrAl Strip is sure to meet your needs and exceed your expectations.

Applications:

One of the primary applications of this FeCrAl strip product is in heating elements. These strips are used in electric heating appliances such as ovens, toasters, and hair dryers, among others. Due to its high-temperature range, it is also used in industrial furnaces for heating purposes.

Another application of the Victory FeCrAl strip product is in electrical appliances. These strips are used to make electrical resistors, which are vital components in many electrical appliances. The high-temperature resistance of the FeCrAl strip makes it ideal for use in electrical appliances that generate a lot of heat.

The Victory FeCrAl strip product is also used in the automotive industry. It is used in the manufacturing of catalytic converters, which are responsible for reducing the amount of harmful emissions that come out of vehicles.

In conclusion, the Victory FeCrAl strip product is a versatile product that has many applications. It is perfect for use in heating elements, industrial furnaces, electrical appliances, and even the automotive industry. Its high-temperature range, thermal expansion, and thermal conductivity make it an ideal choice for these applications.

Support and Services:

Our FeCrAl Strip product comes with comprehensive technical support and services to ensure optimal performance and satisfaction. Our team of experts is available to provide technical assistance, including product selection, installation guidance, troubleshooting, and maintenance recommendations. Additionally, we offer customization services to meet unique customer requirements and specifications. Our commitment to quality extends beyond product manufacturing, and we are dedicated to providing exceptional customer support throughout the product lifecycle. Contact us for more information on our technical support and services.

Packing and Shipping:

Product Packaging:

The FeCrAl strip product will be carefully packaged in a strong cardboard box to ensure safe transportation. The box will be labelled with the product name, size, quantity, and any other relevant information.

Shipping:

The FeCrAl strip product will be shipped via a reliable courier service. The shipping cost will be calculated based on the destination and weight of the product. Customers will receive a tracking number to monitor the status of their shipment.

FAQ:

Q1: What is the brand name of this product?

A1: The brand name of this product is Victory.

Q2: What is the model number of this product?

A2: The model number of this product is FeCrAl Alloy.

Q3: Where is this product manufactured?

A3: This product is manufactured in China JiangSu.

Q4: What are the dimensions of this FeCrAl Strip?

A4: The dimensions of this FeCrAl Strip can be customized according to the customer's requirements.

Q5: What are the applications for this FeCrAl Strip?

A5: This FeCrAl Strip can be used in a variety of applications such as heating elements, resistors, and appliances.



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