



Corrosion Resistant Ferritic Alloy Strip Durable Strong

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

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



Product Specification

- Powder Or Not: Not Powder
- Tensile Strength: 600-800 MPa
- Supply State: Wire Or Spring as Customer Requirements
- Elongation: >25%
- Melting Point: 1500°C
- Diameter: 0.457mm
- Thermal Expansion: 8.2-9.2 $\mu\text{m/mK}$
- Corrosion Resistance: Excellent
- Highlight: **Corrosion Resistant Ferritic Alloy Strip,
Strong Ferritic Alloy Strip,
Durable Ferritic Alloy Strip**

Product Description

Product Description:

FeCrAl Alloy Strip has a tensile strength of 600-800 MPa, making it a durable and strong material for various industrial uses. Unlike some other alloys, it is not powder-based, which makes it easier to work with and less likely to break or crack during use. This also means that it is less likely to produce dust or other harmful particles during handling.

FeCrAl Alloy Strip is commonly used in a range of industries, including the automotive, aerospace, and electronics industries. It is often used in heating elements, as well as in other electrical applications where high resistance and durability are important factors. Its ability to withstand high temperatures makes it a popular choice for use in high-temperature environments, such as furnaces and ovens.

Overall, FeCrAl Alloy Strip is a reliable and versatile material that is well-suited for a variety of industrial uses. Its high melting point, tensile strength, and shape make it an ideal choice for use in heating elements, electrical applications, and other high-temperature environments.

Applications:

Industrial Furnaces: The FeCrAl Strip is commonly used in industrial furnaces because of its high-temperature resistance. It can withstand temperatures up to 1400°C, making it ideal for use in high-temperature environments.

Household Appliances: The FeCrAl Strip is also used in household appliances such as ovens, toasters, and dryers. Its excellent thermal conductivity allows it to heat up quickly and efficiently, making it an energy-efficient option for these types of appliances.

Automotive Industry: FeCrAl Strips are used in the automotive industry for various applications such as seat heaters, catalytic converters, and oxygen sensors. Its superior oxidation resistance ensures that it can withstand the harsh conditions of the engine compartment.

Petrochemical Industry: The FeCrAl Strip is also used in the petrochemical industry for applications such as heating elements in gas turbines and petrochemical furnaces. Its high-temperature resistance and superior oxidation resistance make it an ideal choice for these types of applications.

Medical Devices: FeCrAl Strips are also used in medical devices such as heating pads and surgical instruments. Its excellent thermal conductivity allows it to provide quick and efficient heating, making it ideal for these types of applications.

The Victory FeCrAl Strip is made from high-quality Fe-Cr-Al alloy and is manufactured in China JiangSu. It has a Tensile Strength of 600-800 MPa and an Elongation of >25%, making it a durable and reliable choice for various applications. Its Thermal Conductivity is 11.2 W/m-K, which ensures efficient heat transfer. The FeCrAl Strip is available in a strip shape, making it easy to install and use for various applications.

Support and Services:

The FeCrAl strip product technical support and services include:

Assistance with product selection and customization to meet specific application requirements

Expert advice on proper installation, handling, and maintenance of the product

Identification and resolution of any technical issues or problems

Testing and analysis services to ensure optimal performance and quality

Training and education on the product and its applications

Our team of experienced technicians and engineers are dedicated to providing exceptional support and services to ensure the success of your project.

Packing and Shipping:

Product Packaging:

The FeCrAl strip product will be packaged in a sturdy cardboard box with appropriate cushioning material to prevent any damage during transportation. Each box will contain the required number of strips as per the customer's order. The product will be wrapped securely with plastic or other suitable material to ensure that the strips are protected from moisture and other environmental factors.

Shipping:

The FeCrAl strip product will be shipped via a reliable shipping service provider. The shipping charges will be calculated based on the weight and destination of the package. The estimated delivery time will be communicated to the customer upon placing the order. The customer will be provided with a tracking number to track the status of the shipment. We ensure that all necessary precautions are taken to ensure that the product is delivered to the customer in a timely and safe manner.

FAQ:

Q: What is the brand name of the FeCrAl Strip product?

A: The brand name of the FeCrAl Strip product is Victory.

Q: What is the model number of the FeCrAl Strip product?

A: The model number of the FeCrAl Strip product is FeCrAl Alloy.

Q: Where is the FeCrAl Strip product manufactured?

A: The FeCrAl Strip product is manufactured in China JiangSu.

Q: What is the maximum operating temperature of the FeCrAl Strip product?

A: The maximum operating temperature of the FeCrAl Strip product depends on the specific alloy. Please refer to the product datasheet for more information.

Q: What are the typical applications of the FeCrAl Strip product?

A: The FeCrAl Strip product is commonly used in the production of heating elements for various industries, such as household

appliances, industrial furnaces, and automotive components.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu