



## 0Cr23Al5 0Cr25Al5 0Cr21Al6Nb 0Cr27Al7Mo2 Spiral Wire Heating Element Fecral Alloy Wire

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: 0Cr15Al5, 1Cr13Al4, 0Cr21Al4, 0Cr21Al6, 0Cr23Al5, 0Cr25Al5, 0Cr21Al6Nb, 0Cr27Al7Mo2
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

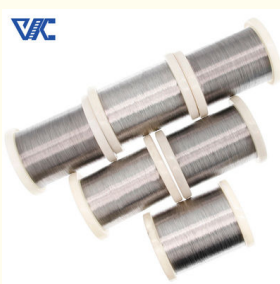


### Product Specification

- Material: Ferrous Chromium Aluminum
- Resistivity: 1.42 $\pm$ 0.05
- Tensile Strength: 630-780MPa
- Elongation:  $\geq$ 12%
- Application: Heating, Resistivity
- Condition: Hard / Soft
- Surface: Bright, Oxidized, Acide
- Delivery Time: 7-20 Days
- Maximum Temperature: 1250°C
- Melting Point: 1500°C
- Name: Resistance Heating Flat Wire
- Highlight: 0Cr27Al7Mo2 Spiral Wire, Heating Element Fecral Alloy Wire



### More Images



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## Product Description

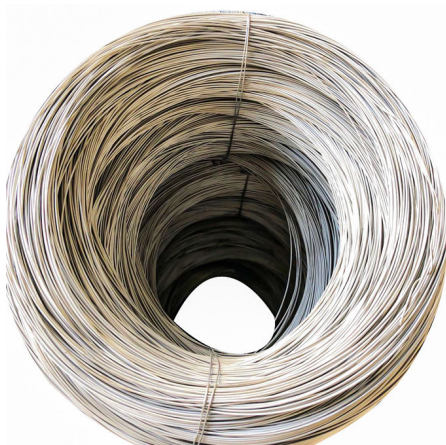
FeCrAl is an iron-chromium-aluminum alloy composed of elements such as iron (Fe), chromium (Cr) and aluminum (Al). It has excellent high temperature resistance and oxidation resistance and is widely used in high temperature heating fields.

Common varieties of FeCrAl alloys include 0Cr15Al5, 1Cr13Al4, 0Cr21Al4, 0Cr21Al6, 0Cr23Al5, 0Cr25Al5, 0Cr21Al6Nb and 0Cr27Al7Mo2, etc. These alloys have different physical and chemical properties depending on their elemental composition to meet a variety of specific application needs. FeCrAl alloy has the following characteristics and advantages:

1. High temperature stability: FeCrAl alloy maintains good stability in high temperature environments and can withstand high temperature heating without obvious deformation or oxidation.
2. Anti-oxidation performance: Because the alloy contains aluminum, it has good anti-oxidation properties and can form a dense aluminum oxide film to prevent further oxidation reactions and extend the service life of the material.
3. Low Resistivity: FeCrAl alloy has low resistivity, giving it high electrical and thermal conductivity in high-temperature heating elements, allowing for rapid and even heating.
4. Corrosion resistance: FeCrAl alloy has good corrosion resistance to some common acids, alkalis and corrosive gases, and can operate stably for a long time in harsh working environments.



Shape	Size(mm)
Wire	0.05-7.5
Rod	8-50
Ribbon	(0.05-0.35)*(0.5-6.0)
Strip	(0.5-2.5)*(5-40)





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