



NiCr Alloy Cr15Ni60 Heat Wire Provide Stable Heating Solutions For Household

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE
- Model Number: Cr15Ni60
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag for Resistance wire
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Material: Nickel, Chromium
- Nickel(Min): 89%
- Tensile Strength: 637MPA
- Magnetic Permeability: 0.78+/-0.05
- Elongation: ≥20%
- Application: Heating, Resistivity
- Condition: Hard / Soft
- Surface: Bright, Oxided, Acide
- Delivery Time: 7-20 Days
- Name: NiCr Alloy Wire
- Highlight: **NiCr Alloy Cr15Ni60, Cr15Ni60 Heat Wire, Household NiCr Alloy**



More Images



Product Description

NiCr Alloy Cr15Ni60 Heat Wire Provide Stable Heating Solutions For Household Appliances Product Description:

Heating elements in home appliances play a vital role in providing a comfortable and convenient lifestyle. Among them, NiCr alloy heating elements are a common and reliable choice.

1. High-efficiency heating: Our NiCr alloy heating elements can quickly convert electrical energy into heat energy, providing high-efficiency heating performance, allowing household appliances to quickly reach the required operating temperature.

2. Temperature stability: NiCr alloy heating elements have a low temperature coefficient of resistance and can provide stable heating performance over a wide temperature range. Whether it's low-temperature heat preservation or high-temperature cooking needs, our heating elements can meet your diverse needs.

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3. High temperature resistance: Our NiCr alloy heating elements have been professionally designed and tested and can work stably in high temperature environments for a long time. This makes them suitable for household appliances that require high-temperature heating, such as electric ovens and hot air stoves, ensuring excellent food cooking and air heating effects.



No matter what your home appliance solution, our NiCr alloy heating elements will provide you with excellent heating performance and excellent working results.

Technical Parameters:



Performance material		Cr10Ni90	Cr20Ni80	Cr30Ni70	Cr15Ni60	Cr20Ni35
Composición	Ni	90	Rest	Rest	55.0 61.0	34.0 37.0
	Cr	10	20.0 23.0	28.0 31.0	15.0 18.0	18.0 21.0
	Fe		≤1.0	≤1.0	Rest	Rest
Temperatura máxima °C		1300	1200	1250	1150	1100
Punto de fusion °C		1400	1400	1380	1390	1390
Densidad g/cm3		8.7	8.4	8.1	8.2	7.9
Resistividad μΩ·m,20°C		0.76±0.05	1.09±0.05	1.18±0.05	1.12±0.05	1.00±0.05
Alargamiento a la ruptura		≥20	≥20	≥20	≥20	≥20
Calor específico J/g.°C			0.44	0.461	0.494	0.5
Conductividad térmica KJ/m.h°C			60.3	45.2	45.2	43.8
Coeficiente de expansión de líneas α×10-6/(20 1000°C)			18	17	17	19
Estructura micrográfica			Austenite	Austenite	Austenite	Austenite
Propiedades magnéticas			Nonmagnetic	Nonmagnetic	Nonmagnetic	Weak magnetic

Form	Specification	
Wire	Diameter=0.025mm~8mm	
Flat wire	Width=0.40~6.0mm	Thick=0.03~0.50mm
Strip	width=8~250mm	Thick=0.05~3.0mm
Bar	Diameter=8~100mm	Long=50~1000

Service:

Our team provides technical support and services for NiCr alloys. Our technical support team of experienced engineers is ready to answer your questions, provide product information, and help you choose the right product for your needs.

We also provide after-sales services, including repairs and maintenance, product warranties, and replacement parts. Our team is dedicated to providing the highest level of customer service and satisfaction, ensuring you get the best possible results.



contact us
email: victory@dlx-alloy.com

Oem service:
Welcome customized size
We are experience factory for OEM&ODM service

Size dimension range:

Wire: 0.01-10mm
Ribbons: 0.05*0.2-2.0*6.0mm
Strip: 0.05*5.0-5.0*250mm
NiCr series: Cr20Ni80, Cr30Ni70, Cr15Ni60, Cr20Ni35, Cr20Ni30

Packing and Shipping:

Sturdy cardboard boxes are used for packaging NiCr Alloy.
Each box has dimensions of approximately 26 cm (length) x 26 cm (width) x 30 cm (height).
The shipping method for NiCr Alloy depends on the customer's requirements.

FAQ :

What is the role of NiCr alloy in electric furnaces and electric furnaces?

NiCr alloy is used as a heating element in electric furnaces and electric furnaces to generate heat through resistance heating, allowing ceramics and glass in the furnace to be heated and processed.

Are there applications for NiCr alloys in other fields?

Yes, NiCr alloy is also widely used in resistors, heaters, thermocouples and other high-temperature equipment to provide reliable heating and temperature measurement functions.

Is NiCr Alloy suitable for high-temperature applications?

Yes, NiCr Alloy is known for its excellent resistance to oxidation, making it well-suited for high-temperature applications. It can withstand prolonged exposure to elevated temperatures without significant degradation.



Changzhou Victory Technology Co., Ltd

+8619906119641

victory@dlx-alloy.com

victory-alloy.com

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