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# NiCr Alloy Cr15Ni60 Heat Wire Provide Stable Heating Solutions For Household

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Basic Information		
Place of Origin:	China	
<ul> <li>Brand Name:</li> </ul>	Victory	
<ul> <li>Certification:</li> </ul>	CE	

- Certification:Model Number:
- Minimum Order Quantity: 5
- Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:

# Spool package with Carton box, Coil package with polybag for Resistance

Cr15Ni60

- package with polybag for Resistance wire 5-21 days L/C, T/T, Western Union, MoneyGram
- 300 tons per month

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# **Product Specification**

 Material: Nickel, Chromium Nickel(Min): 89% • Tensile Strength: 637MPA Magnetic Permeability: 0.78+/-0.05 • Elongtation: ≥20% Application: Heating, Resistivity Condition: Hard / Soft Bright, Oxided, Acide Sureface: • 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.

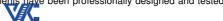
2. Temperature stability: NiCr alloy heating elements have a low temperature coefficient of resistance and can provide stable heating performance over a wide temperature range. Whether it's low-temperature heat preservation or high-temperature cooking needs, our heating elements can meet your diverse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



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 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 N Performance material N N Punto de fusion °C Punto de fusion °C Punto de fusion γ Punto de fusion						
Composición Cr Fe Temperatura máxima°C Punto de fusion °C Densidad g/cm3 Resistividad μΩ·m,20°C Alargamiento a la ruptu		Cr10Ni90	Cr20Ni80	Cr30Ni70	Cr15Ni60	Cr20Ni35
Fe Temperatura máxima°C Punto de fusion °C Densidad g/cm3 Resistividad μΩ·m,20°C Alargamiento a la ruptu		90	Rest	Rest	55.0 61.0	34.0 37.0
Temperatura máxima°C Punto de fusion °C Densidad g/cm3 Resistividad μΩ·m,20°C Alargamiento a la ruptu		10	20.0 23.0	28.0 31.0	15.0 18.0	18.0 21.0
Punto de fusion °C Densidad g/cm3 Resistividad μΩ·m,20°C Alargamiento a la ruptu			≤1.0	≤1.0	Rest	Rest
Densidad g/cm3 Resistividad μΩ·m,20°C Alargamiento a la ruptu		1300	1200	1250	1150	1100
Resistividad µΩ·m,20°C Alargamiento a la ruptu		1400	1400	1380	1390	1390
Alargamiento a la ruptu		8.7	8.4	8.1	8.2	7.9
5 1		0.76±0.05	1.09±0.05	1.18±0.05	1.12±0.05	1.00±0.05
	ra	≥20	≥20	≥20	≥20	≥20
Calor especifico 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 expar líneas a×10-6/(20 1000°0			18	17	17	19
Estructura micrográfica			Austenite	Austenite	Austenite	Austenite
Propiedades magnética	s		Nonmagnetic	Nonmagneti c	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.

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