



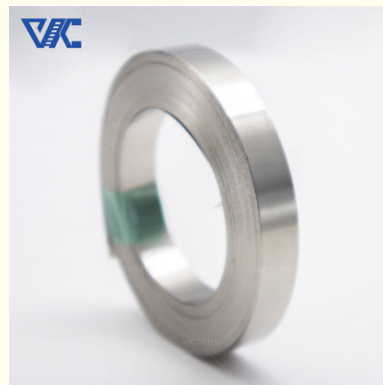
Excellent Processing Performance Of Cr15Ni60 Nickel Chromium Strip In Resistance Heating Elements

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Cr15Ni60
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: Plastic film or waterproof woven bag inside, wire packed in spool put into carton, coil wire or strip wire put into wooden case
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

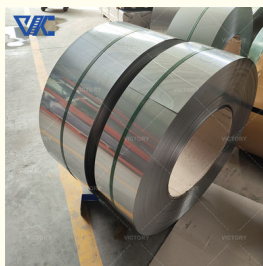


Product Specification

- Product Name: Nichrome Alloy Strip
- Nickel (Min): 55%
- Material: Nickel, Chromium
- Elongation: $\geq 20\%$
- Tensile Strength: 637MPa
- Resistivity: 1.12 ± 0.05
- Surface: Bright, Oxidized, Acide
- Condition: Hard / Soft
- Application: Electric Heating Tube, Resistance Furnace, Industrial Drying Equipment
- Highlight: Cr15Ni60 Nickel Chromium Strip, Resistance Heating Elements Nickel Chromium Strip



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Product Description

Excellent Processing Performance Of Cr15Ni60 Nickel Chromium Strip In Resistance Heating Elements

Product Description:

Cr15Ni60 NiCr strip is a high resistivity electric heating alloy material composed of 15% chromium, 65% nickel, and some iron. This type of alloy strip plays an important role in the field of resistance heating elements due to its excellent electrical and corrosion resistance properties. Cr15Ni60 alloy strip has become an ideal choice for manufacturing various resistance heating elements due to its stable electrical resistivity and good mechanical properties, and is widely used in industrial and commercial environments that require precise temperature control. In the field of resistance heating elements, it is commonly used in industrial heating equipment, household appliances, and electronic devices that require reliable and efficient heating. The Cr15Ni60 alloy strip can ensure uniform heating under harsh conditions and prolong durability, making a significant contribution to heat treatment, heat treatment, and other high-temperature applications.

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: Cr10Ni90, Cr20Ni80, Cr30Ni70, Cr15Ni60, Cr20Ni35, Cr20Ni30

Technical Parameters:

Performance material		Cr15Ni60
Composition	Ni	55.0 61.0
	Cr	15.0 18.0
	Fe	Rest
Maximum temperature °C		1150
Melting point °C		1390
Density g/cm3		8.2
Resistivity		1.12±0.05
μΩ·m,20°C		
Elongation at rupture		≥20
Specific heat		0.494
J/g.°C		
Thermal conductivity		45.2
KJ/m.h°C		
Coefficient of lines expansion		17
a×10-6/		
(20 1000°C)		
Micrographic structure		Austenite
Magnetic properties		Nonmagnetic

Characteristics:

Processing performance: Easy to cut and shape, meeting the design requirements of different resistance heating elements.

Mechanical strength: Having sufficient mechanical strength for easy processing and maintenance.

High resistivity: Provides efficient electric heating conversion and fast heating.

Corrosion resistance: The addition of chromium improves oxidation and corrosion resistance, prolonging service life.

High temperature stability: Maintaining physical and chemical stability in high temperature environments, suitable for continuous heating processes.

Application:

Electric heating tube: As a heating element inside the electric heating tube, it provides uniform and stable heat energy.

Resistance furnace: Used as a heating element for resistance furnaces, ensuring the uniformity and precise control of temperature inside the furnace.

Industrial drying equipment: As a heating element in the drying equipment, it improves drying efficiency and quality.

Laboratory heating device: used for heating plates, thermostats, and other equipment in the laboratory, providing precise temperature control.

Household appliances: Used as heating elements in household appliances such as electric irons and ovens to ensure safe and efficient heating.

FAQ :

Q1: What are the main advantages of Cr15Ni60 nichrome alloy strip in resistance heating elements?

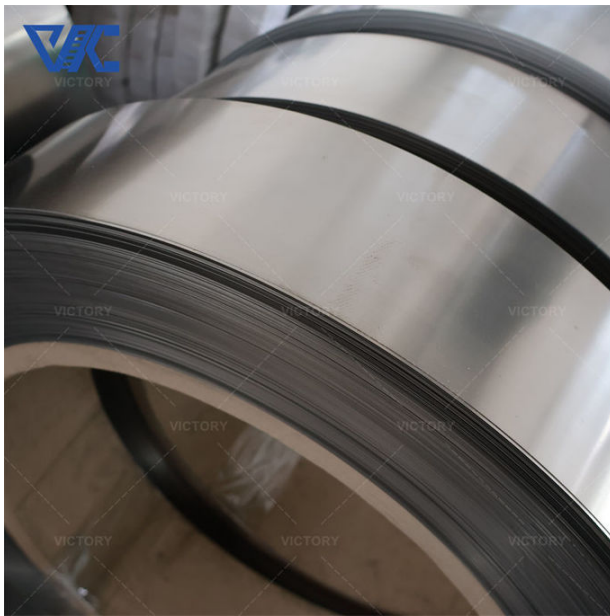
A1: The main advantages are its high electrical resistivity and corrosion resistance, ensuring the high efficiency and long service life of heating elements.

Q2: Is Cr15Ni60 nichrome alloy strip suitable for use in high-temperature environments?

A2: Yes, Cr15Ni60 alloy strip has good high-temperature stability and is very suitable for use in high-temperature environments.

Q3: Do resistance heating elements using Cr15Ni60 nichrome alloy strips require special maintenance?

A3: It usually does not require special maintenance, but regular inspections and cleaning can ensure its optimal performance and extend its service life.



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