



Nickel Alloy Nichrome Cr20Ni80/Cr15Ni60/Cr10Ni90/Cr20Ni35 NiCr Electric Heating Alloy Wire

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE
- Model Number: Cr20Ni80
- 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): 77%
- Resistivity: 1.09+/-0.05
- Tensile Strength: 637MPA
- Elongation: ≥20%
- Application: Heating, Resistivity
- Condition: Hard / Soft
- Surface: Bright, Oxided, Acide
- Delivery Time: 7-20 Days
- Name: Resistance Wire
- Highlight: Nicr8020 nickel chrome heating wire, nickel chrome heating wire Cr20ni80, Cr20Ni80 nickel chrome wire heating



More Images



Product Description

Stable Resistance Nichrome Nicr8020 Nickel Chrome Heating Wire Cr20ni80

The versatile Cr20Ni80 soldering nichrome coil heating wire is a highly durable and efficient option for a variety of industries. This wire is commonly used in metallurgical machinery, medical care, chemical manufacturing, ceramics, electronics, and electrical appliances. It is also a popular choice for industrial heating equipment and civil heaters.

In addition to its widespread use, this wire is made from a nickel steel alloy that provides excellent resistance to corrosion and high temperatures. This combination of durability and heat resistance makes it ideal for use in harsh environments where other materials may fail.

The Cr20Ni80 soldering nichrome coil heating wire is available in various forms, including cutting foam resistance cable, electric strip yarn, and heat-resistant cable. Its versatility and adaptability make it an essential component in many different applications. Whether you're looking for a reliable

Our Product Introduction

heating solution for your industrial machinery or a durable heating element for your home, this wire is an excellent choice.

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

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



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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