



CuNi Alloy Constantan Copper Nickel Resistance Wire Cuni44

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: CuNi23 CuNi30 CuNi34 6J8 6J11
- 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

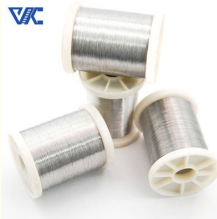


Product Specification

- Product Name: CuNi Wire
- Cu (Min): 55%
- Ultimate Strength (\geq MPa): 420
- Elongation (\geq %): 35
- Application: Air Condition Or Refrigerator
- Size: Customize
- Resistivity: 0.5
- Density: 8.9g/cm³
- Technology: Rolling And Drawing
- Highlight: CuNi44 CuNi Alloy, CuNi Alloy Strip, cuni44



More Images



Product Description

CuNi alloy wire is an alloy material composed of copper (Cu) and nickel (Ni), which has good electrical conductivity and corrosion resistance. It is widely used in electrical, electronic and thermal control fields, and common grades include CuNi23, CuNi30, CuNi34, 6J8 and 6J11. Each grade has different chemical compositions and properties to suit different application needs. CuNi alloy wires perform well in high temperature and corrosive environments and can be used in various high temperature heating and measurement control applications such as electric heating devices, electric heating wires, ovens, hot air fans, drying equipment, thermocouples and temperature sensors. CuNi alloy wire has excellent corrosion resistance, high temperature stability and reliability. They can operate stably in high temperature and corrosive environments for a long time and are suitable for various industrial and commercial fields. Different grades of CuNi alloy wires have different resistivities, current loads and mechanical strengths to meet the requirements of specific applications. Whether used in precision measurement and control applications such as electric heating devices, ovens, hot air blowers, or thermocouples and temperature sensors, CuNi alloy wire is a reliable and

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efficient choice.

Properties/ Material	Resistivity (200C μΩ.m)	Max. Working Temperature(C)	Tensile Strength (Mpa)	Melting Point	ρ
NC003(CuNi1)	0.03	200	210	1085	8
NC005(CuNi2)	0.05	200	220	1090	8
NC010(CuNi6)	0.1	220	250	1095	8
NC012(CuNi8)	0.12	250	270	1097	8
NC015(CuNi10)	0.15	250	290	1100	8
NC020(CuNi14)	0.2	300	310	1115	8
NC025(CuNi19)	0.25	300	340	1135	8
NC030(CuNi23)	0.3	300	350	1150	8
NC035(CuNi30)	0.35	350	400	1170	8
NC040(CuNi34)	0.4	350	400	1180	8
NC050(CuNi44)	0.5	400	420	1200	8

Shape	Size(mm)
Wire	0.08-7.5
Bar	8.0-50
Ribbon	(0.05-0.35)*(0.5-6.0)
Strip	(0.5-2.5)*(5-180)

