



Copper Nickel Alloy Wire Cuni 44 Cuni23 Cuni30 Cuni25 Constantan For Sale

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: 6J8 cupro nickel alloy, cupro nickel alloy Wire, Mn Alloy Strip



More Images



Product Description

CuNi alloy wire is an important conductive material composed of copper (Cu) and nickel (Ni). It has good electrical conductivity, excellent corrosion resistance and high temperature stability, and is widely used in electrical, electronic and thermal control fields.

CuNi alloy wires are available in multiple grades, such as CuNi23, CuNi30, CuNi34, 6J8 and 6J11. Different brands of CuNi alloy wires have different chemical compositions and characteristics to meet the requirements of different applications. For example, CuNi23 has higher resistivity and good corrosion resistance, making it suitable for high-temperature heating devices; while CuNi30 has lower resistivity and higher mechanical strength, making it suitable for high-load applications such as electric stoves and ovens.

CuNi alloy wire has excellent corrosion resistance and can operate stably for a long time in humid environments and corrosive gases. They are also high temperature stable and can maintain good electrical conductivity and mechanical strength under high temperature conditions. This makes CuNi alloy wire an ideal choice for electric heating devices, hot air blowers, drying equipment and

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temperature measurement and control devices.

Properties/ Material	Resistivity (200C μΩ.m)	Max. Working Temperature(C)	Tensile Strength (Mpa)	Melting Point	Length
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)

