Best Quality CuNi44 Copper Nickel Cuni Heating Wire For Factory Price

Our Product Introduction

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 (≥ MPa): 420
- Elongation (≥ %): 35
- Application: Air Condition Or Refrigerator
- Size: Customize
- Resistivity: 0.5
- Density: 8.9g/cm3
- Technology: Rolling And Drawing
- Highlight: **NC010 cupro copper**, **CuNi6 cupro copper**, **Electric Heating Resistance nickel based alloys**

More Images

Our Product Introductio

Product Description

CuNi alloy wire is a material composed of copper (Cu) and nickel (Ni) with excellent electrical conductivity and corrosion resistance. It is widely used in electrical, electronic and thermal control fields. Different grades of CuNi alloy wires, such as CuNi23, CuNi30, CuNi34, 6J8 and 6J11, have different characteristics and application ranges.

CuNi alloy wire has high electrical conductivity and can effectively conduct current, providing reliable conductive performance in various circuits and equipment. At the same time, it also has good corrosion resistance and can resist the erosion of humidity, chemicals and corrosive gases, maintaining long-term stable performance.

This alloy wire also has high temperature stability and can maintain low resistivity and mechanical strength in high temperature environments. It is widely used in various high-temperature heating equipment and systems, such as electric heaters, ovens, heating wires, hot air blowers, etc.

The characteristics of CuNi alloy wires also include good processability and weldability, making them

more convenient and flexible during manufacturing and installation.

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

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