



High Quality Heat Resistance Alloy CuNi6 Copper Wire/CuNi Wire

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

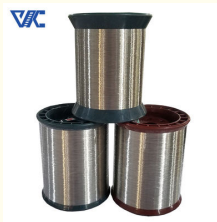


Product Specification

- 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: C71500 CuNi Alloy, C70600 CuNi Alloy, Cuni 90/10 copper pipe



More Images



Product Description

CuNi alloy wire is a high-quality conductive material composed of copper (Cu) and nickel (Ni). It has good electrical conductivity, corrosion resistance and high temperature stability, and is widely used in various electrical and electronic equipment.

CuNi alloy wires are available in multiple grades, such as CuNi23, CuNi30, CuNi34, 6J8 and 6J11, each grade has different characteristics and uses. For example, CuNi23 has high resistivity and good corrosion resistance and is suitable for high-temperature heating devices and electric heating wires; while CuNi30 has lower resistivity and high mechanical strength and is suitable for high-load applications such as electric stoves and ovens.

CuNi alloy wires perform well in high temperature environments and can maintain stable electrical conductivity and mechanical strength. They are also corrosion-resistant and can withstand the attack of humidity, chemicals and corrosive gases, ensuring long-term reliable use.

Due to the excellent performance and diverse grade selection of CuNi alloy wires, they are widely used in electric heating devices, hot air fans, drying equipment, resistors, thermocouples,

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temperature sensors and other fields.

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



VTC Changzhou Victory Technology Co., Ltd

+8619906119641 victory@dlx-alloy.com victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu