



Resistance Copper Nickel Alloy Heating Wire CuNi2/CuNi6/CuNi 10/CuNi 23/CuNi 44

Our Product Introduction

for more products please visit us on victory-alloy.com

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
- Nickel(Min): 44%
- Resistivity: 0.5
- Tensile Strength: 420 MPA
- Density: 8.9 G/cm3
- Application: Heating, Resistivity
- Condition: Hard / Soft
- Surface: Bright
- Delivery Time: 7-20 Days
- Maximum Temperature: 420°C
- Melting Point: 1100°C
- Highlight: CuNi8 CuNi Alloy, CuNi Alloy Strip, Electric Heating Resistance copper alloy strip



More Images



Product Description

CuNi8 resistance alloy is a type of copper nickel binary alloy that exhibits a low temperature coefficient of resistance, making it an ideal material for use in low voltage electrical components. With a maximum operating temperature of 250°C, this alloy is commonly used in the production of low voltage circuit breakers, thermal cutouts, and low temperature electric blankets.

In addition to its use in electrical components, CuNi8 resistance alloy is also used to manufacture heating cables for home electric blankets. This versatile alloy offers excellent thermal conductivity and is highly resistant to corrosion, making it a reliable and durable choice for a wide range of applications.

Overall, CuNi8 resistance alloy is a popular choice for manufacturers looking to produce high-quality, low voltage electrical components and heating solutions. Its unique properties make it an excellent choice for applications where reliability and durability are essential, and its versatility ensures that it

Our Product Introduction

can be used in a variety of different settings and industries.

Properties/ Material	Resistivity (200C μΩ.m)	Max. Working Temperature(C)	Tensile Strength (Mpa)	Melting Point	
NC003(CuNi1)	0.03	200	210	1085	1
NC005(CuNi2)	0.05	200	220	1090	1
NC010(CuNi6)	0.1	220	250	1095	1
NC012(CuNi8)	0.12	250	270	1097	1
NC015(CuNi10)	0.15	250	290	1100	1
NC020(CuNi14)	0.2	300	310	1115	1
NC025(CuNi19)	0.25	300	340	1135	1
NC030(CuNi23)	0.3	300	350	1150	1
NC035(CuNi30)	0.35	350	400	1170	1
NC040(CuNi34)	0.4	350	400	1180	1
NC050(CuNi44)	0.5	400	420	1200	1



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)



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

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