



CuNi Copper Nickel CuNi1 Alloy Electric Heating Ribbon Wire With Low Resistance

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

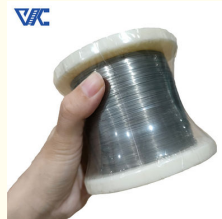
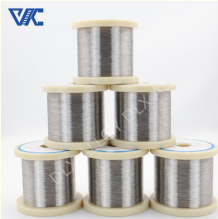


Product Specification

- Product Name: CuNi Wire
- 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: CuNi44 Copper Nickel Strip,
CuNi2 Copper Nickel Strip,
CuNi6 nickel plated copper strip



More Images



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Product Description

CuNi is a type of resistance alloy, which is made up of copper and nickel as the main components. It has a low temperature coefficient of resistance (TCR), and a wide operating temperature range. It has good properties on mechanical working, low electric resistance, good heat-resistant and corrosion-resistant, easy to be processed and lead welded. It is used to make the key components in the thermal overload relay, low resistance thermal circuit breaker, and the electrical appliances. It is also an important material for electrical heating cable.

Cu-Ni Alloy: CuNi1,CuNi2,CuNi6,CuNi8, CuNi10, CuNi14, CuNi19,CuNi23,CuNi30,CuNi34, CuNi44 NC003, NC005, NC010, NC012, NC015, NC020, NC025, NC030, NC035, NC040, NC050

We can supply type of : wire, ribbon,strip, customized furnace spring wire/strip

Cold Drawing Wire: DIA 0.03mm-8.0mm

Hot Rolled Rod / Bar: DIA 8.0mm-50.0mm

Cold Rolled Ribbon/Strip: (0.05mm-0.35mm) *(0.5-6.0)mm

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	0.05-7.5
Rod	8-50
Ribbon	(0.05-0.35)*(0.5-6.0)
Strip	(0.5-2.5)*(5-40)



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