



Copper Nickel Alloy Cuni23 Cuni 44 Cuni30 Resistant Wire Price Per Kg

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: Electric Heating Resistance Wire, CuNi44 Heating Resistance Wire, CuNi44 high temperature resistant wire



More Images



Product Description

Constantan, also known as a copper-nickel resistance alloy, is a highly durable material that has a high electrical resistance and a low temperature coefficient of resistance. This makes it ideal for use in applications that require stable electrical properties over a wide range of temperatures. Additionally, this alloy has high tensile strength and is resistant to corrosion, making it suitable for use in harsh environments. It can be used at temperatures of up to 600°C in air, making it an excellent choice for high-temperature applications.

Product Description

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

Our Product Introduction

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
 Hot Rolled Strip: (0.5mm-2.5mm) *(5-180.0)mm

Properties/ Material	Resistivity (200C $\mu\Omega\cdot m$)	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)



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