

M/S JAIN ALLOYS

www.jainalloys.com

Mob: +919355225848



MANUFACTURER AND SUPPLIER
Cupronickel and various other resistance materials
MCB HEATER WIRE

Welcome to our Company PDF !

Offering a wide range of Cupronickel Nickel Resistance Wire, Copper Nickel Resistance Wire and Other Resistance Materials, which are used as electrical resistance and electrothermal heat controllers.

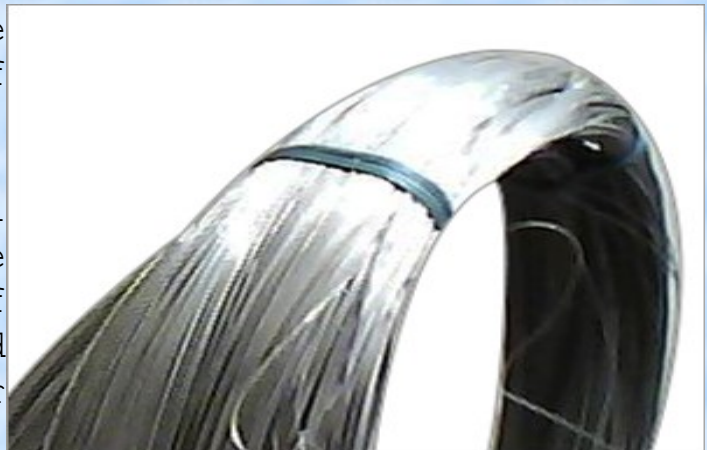
Who Are We?

We, Jain Alloys, are India-based prominent manufacturer and supplier of Cupronickel and various other Resistance Materials. Our range of cupronickle is an alloy of copper which is manufactured using nickle and many other strengthening



materials like manganese and small traces of chromium and/or iron.

Our Resistance Material as Cupronickel are available in the form of wires, strips, tapes and any other form as per customer's requirement.



Mr. Subhash Jain

Patiala Chowk, Near Petrol Pump, Jind - 126102, Haryana, India

Phone : 91-1681-225848

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COPPER NICKEL RESISTANCE WIRE

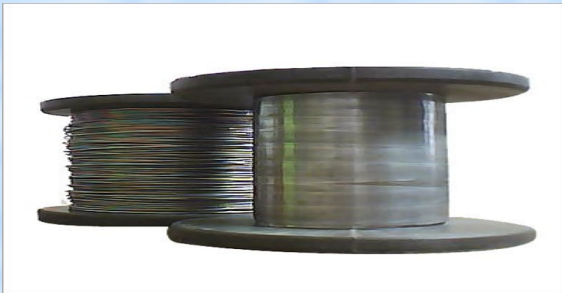
Company Vision & Core Values

Our organization is endeavoring to meet rising demands of the market with best in class range. It is our commitment, vast knowledge and hard work that drives us through industry challenges.



Our Strength:

We, at Jain Alloys, make sure that our clients are offered flawless products. Over the year, we have been able to foster long term relation with numerous buyers owing to our ethical business policies and superior quality.



Primary Competitive Advantages:

- Delivery of products on time
- Equipped production unit
- On line and before dispatch Inspection

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RELAY HEATER WIRE



Quality & Infrastructure:

We have a quality facility in Jind (Haryana), wherein innovative equipment are used to test our wires on the following parameters:



- Tolerance

- Elongation
- Length, diameter and cross section
- Melting point
- Resistance to corrosion
- Surface finishing
- Temperature coefficient

Product Application:

- Resistance wire
- Electrical Resistance (Low Value)
- Precision Electrical Controls
- Electrical Shunts & Overload Relay
- Electrothermal Trippers
- Bypass Path In Energy Meters
- Heating applications
- Low Heating Like Blankets
- MCB & Electrical Control Circuits

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Products Technical Information:

Technical Specification Of Cupro-Nickle Alloy:

ELECTRICAL PROPERTIES (Copper-nickel (CuNi) alloys)

\ Grade	CuNi1	CuNi2	CuNi6	CuNi10	CuNi44
Thermal Conductivity ([S*m/r		20	10	6.7	2
Resistivity ([Ohm*mm ² /m)	0.03	0.05	0.1	0.15	0.49
Thermal coefficient of resist		1000-160	500-900	350-400	-80 - 40
Resistance (IACS) ([%])		34	17	11	3

MECHANICAL PROPERTIES (Copper-nickel (CuNi) alloys)

\ Grade	CuNi1	CuNi2	CuNi6	CuNi10	CuNi44
Tensile strength ([N/mm ²])		290-370	310-380	320-380	520-680
Bending proof performance (I		125	145	160	350

PHYSIACL PROPERTIES (Copper-nickel (CuNi) alloys)

\ Grade	CuNi1	CuNi2	CuNi6	CuNi10	CuNi44
Solderability		Good	Good	Good	NO
Density (g/cm ³)	8.9	8.9	8.9	8.9	8.9
Approximate Melting Point (1085	1090	1095	1050	1280
Magnetic Property	NO	NO	NO	NO	NO
Max. continuous operating te	200	200	200	250	400

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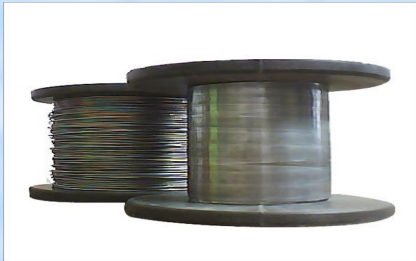
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JAIN ALLOYS

Key Features:

- High tensile strength



- Excellent resistivity values
- Very low thermal coefficient of resistance
- Excellent bending proof performance
- Superior physical/mechanical/electrical properties
- High durability; that ensures long life span of the wire

Other Key Advantages:

- Great strength & No flawlessness
- Perfect finishing & Extended wear life
- Less distortion & Good resistant against acid and heat
- Stable against adverse weather conditions
- Excellent tensile strength with good flexibility
- Find in different grades, lengths and thicknesses as per needs
- Because of rust proof finish; It be can withstand wet environment
- Easy to INSTALL any whrere; As in both mountain and plane area

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Contact Details

Key Personnel

Mr. Subhash Jain (Proprietor)

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