

Nickel plated copper strip

Copper strip factory, more than 10 years manufacture experience, attained ISO9001, work on OEM and ODM projects..

1. Introduction of the Nickel plated copper strip

Nickel plated copper strip /tape is an ideal material for power battery tabs. It has good surface condition, conductivity, workability, ductility, weldability and corrosion resistance, and can be soldered and ultrasonically welded.

Features:

- Excellent weldability
- Excellent resistance to high temperature oxidation
- Excellent conductivity
- Excellent corrosion resistance
- Excellent stamping performance
- Adjustable base material and coating material

2. Grade and temper for Nickel plated copper strip

Grade: GB- T2 , Cu-ETP, C1100, CDA110,

Temper: O(M), 1/4H(Y4), 1/2H(Y2), H(Y), HH(T)

Grade	Supply Status	Specifications	
		Thickness	Width
C1100	M	0.10~<0.50	≤600
		0.50~2.50	≤1000

3. Chemical composition of Nickel plated copper strip

C1100 base material composition

Cu+Ag: ≥99.90

Sn : ≤0.002

Zn: ≤0.005

Pb: ≤0.005

Ni: ≤0.005

Fe: ≤0.005

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Sb : ≤ 0.002
 S : ≤ 0.005
 As : ≤ 0.002
 Bi: ≤ 0.001
 O: ≤ 0.06
 Impurities: ≤ 0.1

4. Dimension and tolerance of Nickel plated copper strip

Thickness mm	Width mm							
	≤ 200		$> 200 \sim 400$		$> 400 \sim 600$		$> 600 \sim 1000$	
	Thickness tolerance / \pm mm							
	Level		Level		Level		Level	
0.10~0.20	0.010		0.015		0.015		—	
$> 0.20 \sim 0.30$	0.015		0.020		0.020		—	
$> 0.30 \sim 0.50$	0.020		0.025		0.030		0.050	
$> 0.50 \sim 0.70$	0.030		0.035		0.040		0.060	
$> 0.70 \sim 1.10$	0.040		0.045		0.050		0.070	
$> 1.10 \sim 1.50$	0.050		0.055		0.060		0.080	
$> 1.50 \sim 2.50$	0.055		0.060		0.080		0.100	

5. Types of Nickel plated copper strip

Nickel plated on one side,
 Nickel plated on double side
 Selected partial plated

6. Application of Nickel plated copper strip

Nickel plated copper strip / tape is widely used in electronic connectors, lead frames, relay springs, switch contacts, precision electronic connectors, etc.

7. Manufacture plant of Nickel plated copper strip



8. Tests and inspection for Nickel plated copper strip

Test instrument : Metallographic Microscope; Digital Light Processor; Strength Tester; Hardness Tester.



9. Quality certificate for Nickel plated copper strip

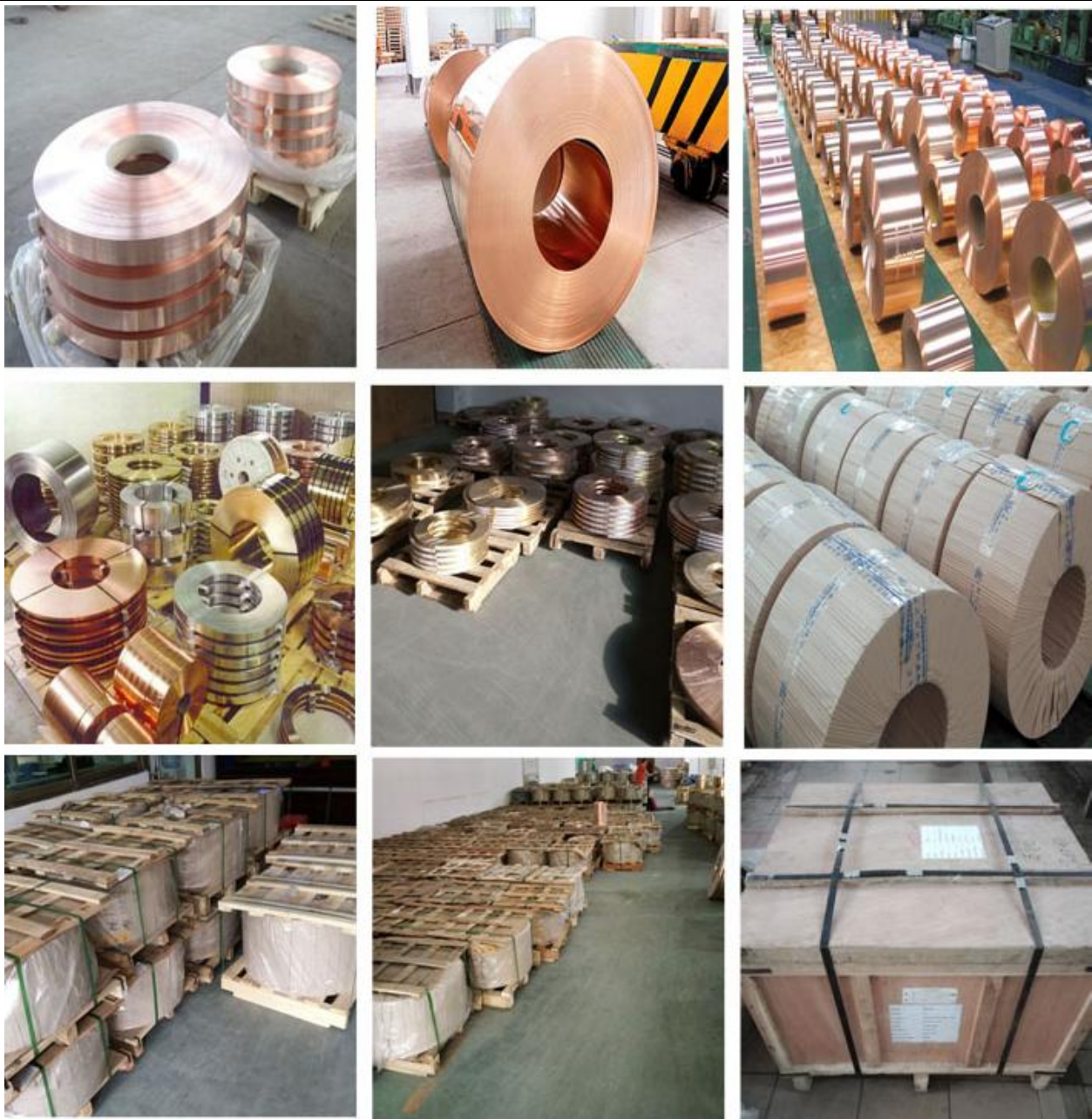
CERTIFICATE



10. Packing and shipping for Nickel plated copper strip

Packing:

First wrapped by anti-rust paper, second wrapped by plastic film, then packed by wooden box or wooden pallet ..



Shipping:

We will choose the best way according to customer's requests.

1. By Air, to the indicated airport.
2. By Express (FedEx, UPS, DHL, TNT, EMS), to the indicated address.
2. By Sea, to the indicated sea port.



11. Questions and Answers

a1. Do you have ISO certificate?

Yes, we obtained ISO9001

a2. How long is your delivery time for Nickel plated copper strip?

Normally will need 20-25 days for production.

a3. Can you help us to choose suitable material?

Yes, we can recommend the most suitable material according to your application.

a4. How do you control quality?

We produce strictly according to customer's drawings and requests, here are strict control plan in every process, full check of each parts, strive to provide customer 100% quality products, ROHS/SGS test report, material certificate are available.

a5. Do you provide sample? Free or charge?

Yes, if the sample in stock available, free of charge, if not, need to charge some mfg cost.