

Soft copper strip

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

1. Introduction of the soft copper strip

Soft copper strip , High purity, fine organization and extremely low oxygen content.

A freshly exposed surface has a reddish-orange color. It is used as a conductor of heat and electricity, a building material, and a constituent of various metal alloys.

It has excellent electrical conductivity, thermal conductivity, corrosion resistance , weather resistance and processing properties, can be welded and soldered.

2. Grade and temper for soft copper strip

Grade: T2 ,C1100, C1020, TU2, Cu-ETP, CDA110, CDA102,

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

Trademark	Supply Status	Specifications	
		Thickness	Width
C1100/C1020	M	0.10~<0.50	≤600
		0.50~2.50	≤1000

3. Chemical composition of soft copper strip

Cu+Ag: ≥99.95

Sn : ≤0.002

Zn: ≤0.005

Pb: ≤0.005

Ni: ≤0.005

Fe: ≤0.005

Sb : ≤0.002

S : ≤0.005

As : ≤0.002

Bi: ≤0.001

O: ≤0.06

Impurities: ≤0.1

4. Dimension and tolerance of soft copper strip

Address: No.16 Shuanggang street, Tangchun Village, Liaobu Town, 523407 Dongguan , Guangdong, China

Phone: +86-769-89800565

E-mail:sales@intmc.com

Thickness	with							
	≤200		>200~400		>400~600		>600~1000	
	Thickness tolerance / ±							
	Ordinary Level	Higher	Ordinary Level	Higher	Ordinary Level	Higher	Ordinary Level	Higher
0.10~0.20	0.010	—	0.015	0.010	0.015	0.010	—	—
>0.20~0.30	0.015	0.010	0.020	0.015	0.020	0.015	—	—
>0.30~0.50	0.020	0.015	0.025	0.020	0.030	0.020	0.050	0.040
>0.50~0.70	0.030	0.025	0.035	0.030	0.040	0.035	0.060	0.050
>0.70~1.10	0.040	0.035	0.045	0.040	0.050	0.045	0.070	0.060
>1.10~1.50	0.050	0.045	0.055	0.045	0.060	0.055	0.080	0.070
>1.50~2.50	0.055	0.050	0.060	0.055	0.080	0.070	0.100	0.090

5. Mechanical properties for soft copper strip

Trademark	Status	Tensile strength σ_b / MPa	Elongation δ_{10} /%	Vickers hardness HV
		Not less than		
C1100/C1020	M	195	35	45~65

6. Application of soft copper strip

Soft copper strip is often used in related applications, like transformer, PCB, electronic assembly. Electrical appliance, connectors, tools and molds, construction, aviation, military, decorations .etc..

7. Manufacture plant of soft copper strip



8. Tests and inspection for soft copper strip

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



9. Mill certificate for soft copper strip



Test Report

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Sample photo:



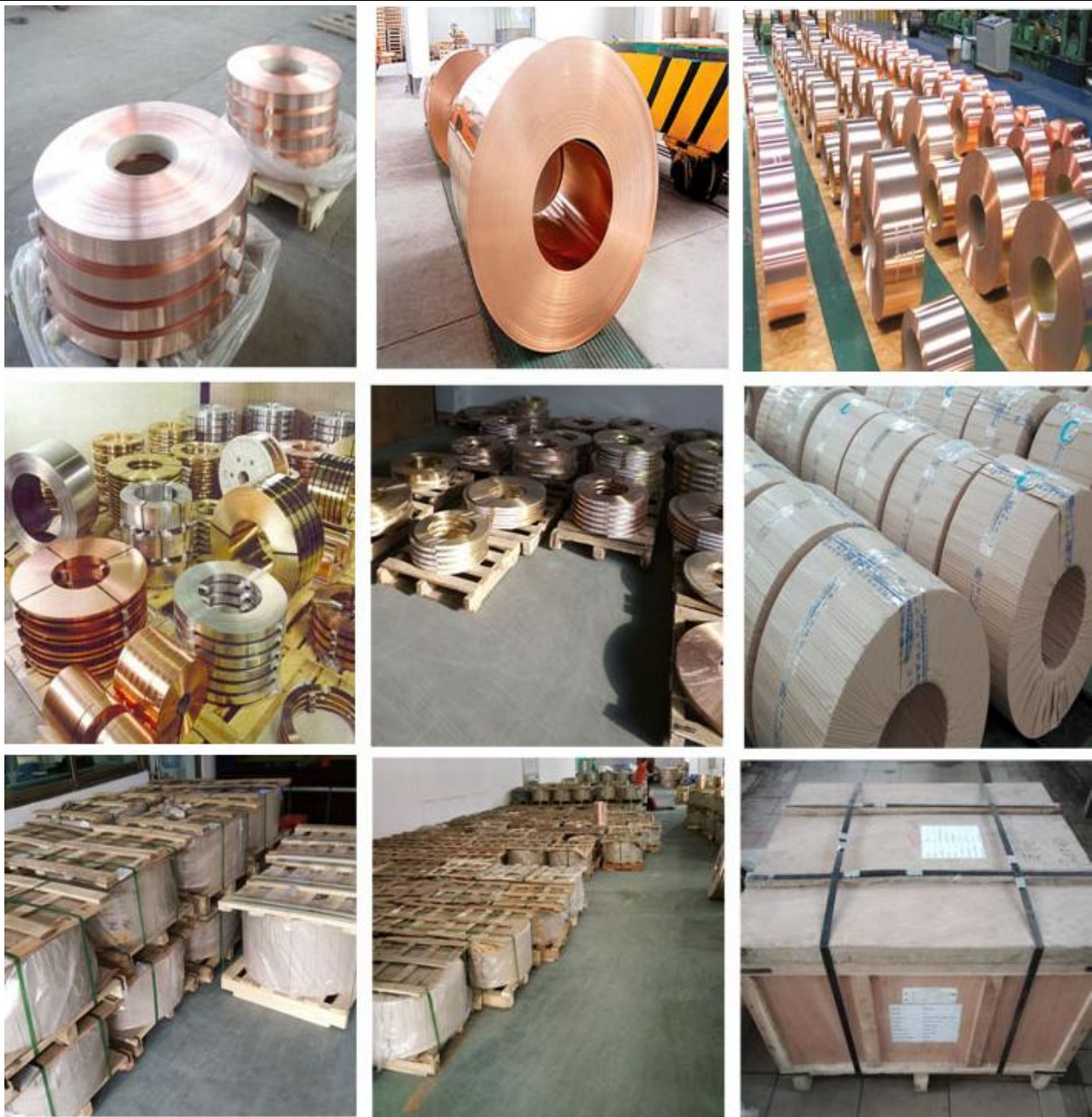
SGS authenticate the photo on original report only

*** End of Report ***

10. Packing and shipping for soft 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 copper strip?

If the master coil is available, 3-7 days do slitting will be ready , if not, will need 20-25 days for new 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.