

## **C10100 Oxygen free copper strip**

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

### **Introduction of the C10100 Oxygen free copper strip**

The purity of TU1/C10100 oxygen-free copper reaches 99.97%, the oxygen content is not more than 0.003%, and the total impurity content is not more than 0.03%;

TU1/C10100 oxygen-free copper has excellent cold and hot processing performance. Good forgeability.

### **2. Grade and temper for C10100 Oxygen free copper strip**

Grade: TU1 ,C101, C10100, CDA101

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

### **3. Chemical composition of C10100 Oxygen free copper strip**

#### **TU1/C10100 Chemical composition**

(Cu+Ag) ≥99.97

(Pb) ≤0.003

(Zn) ≤0.003

(Fe) ≤0.004

(P) ≤0.002

(Bi) ≤0.001

(Sb) ≤0.002

(S) ≤0.004

(Sn) ≤0.002

(Ni) ≤0.002

(As) ≤0.002

(O) ≤0.002

Impurities% ≤0.03

### **4. Dimension and tolerance of C10100 Oxygen free copper strip**

Width	Thickness					
	≤1.0		>1.0~1.5		>1.5~2.5	
	Thickness tolerance / ±					
	Ordinary Level	Ordinary Level	Ordinary Level	Ordinary Level	Ordinary Level	Ordinary Level

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≤100	0.2	0.10	0.3	0.20	0.4	0.25
>100~300	0.3	0.15	0.4	0.25	0.5	0.30
>300~600	0.5	0.30	0.6	0.40	0.6	0.50
>600~1000	0.8	0.60	0.8	0.70	0.8	—

## 5. Characteristics of C10100 Oxygen free copper strip

Characteristics of OFHC copper are:

- High Ductility
- High Electrical & Thermal Conductivity
- High Impact Strength
- Good Creep Resistance
- Ease of Welding
- Low Relative Volatility under high vacuum

## 6. Application of Oxygen free C10100 copper strip

TU1 C10100 Oxygen-free copper are mainly used in electrical appliances, steamed buildings and chemical industries, especially terminal printed electrical circuit boards, air cushions, and busbar terminals. Electromagnetic switch, etc.

## 7. Manufacture plant of C10100 Oxygen free copper strip



### 8. Tests and inspection for C10100 Oxygen free copper strip

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



**9. Mill certificate for C10100 Oxygen free copper strip**



**Test Report**

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Page 4 of 4

Sample photo:



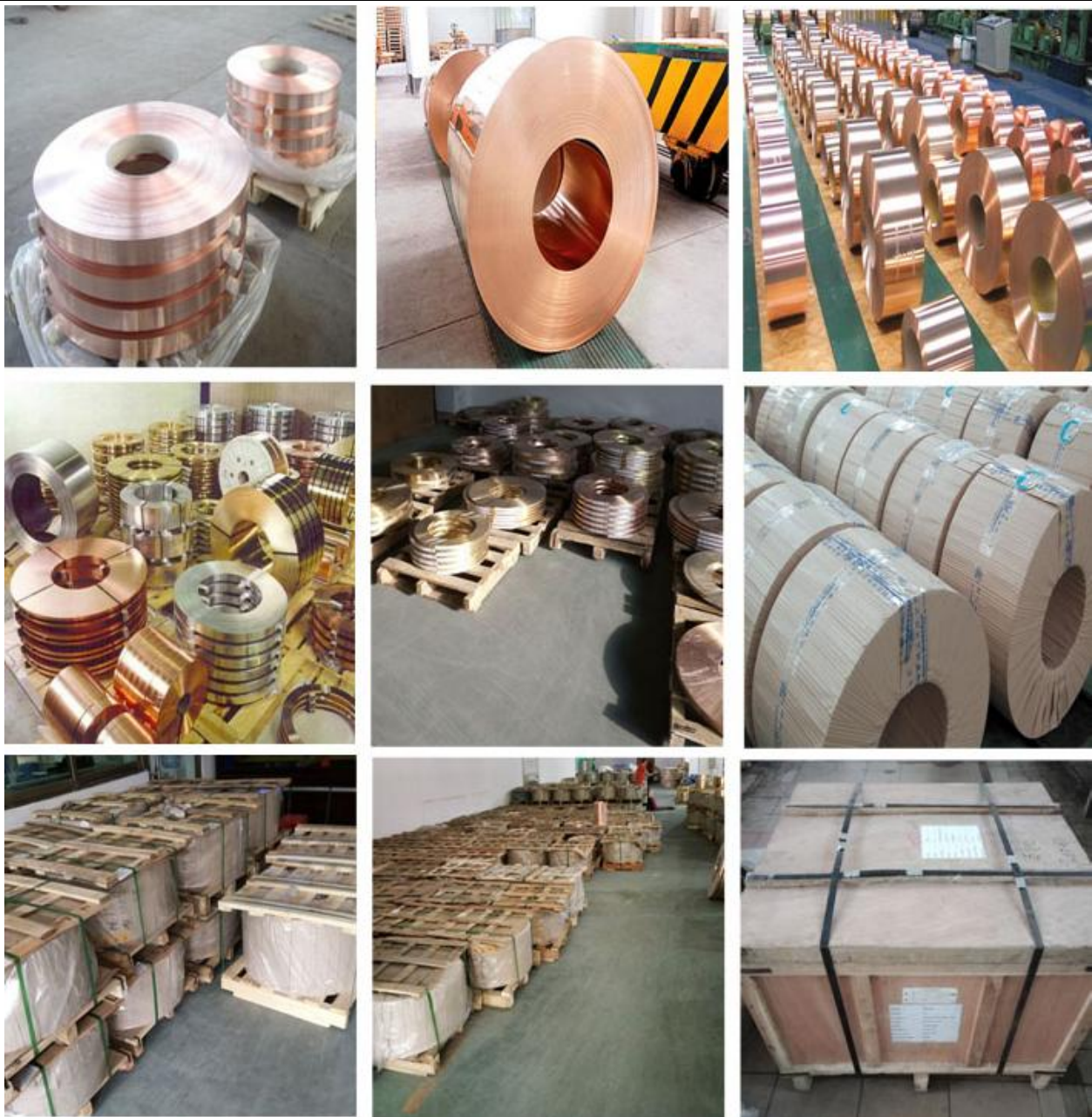
SGS authenticate the photo on original report only

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**10. Packing and shipping for C10100 Oxygen free 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 Oxygen free 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.