

C19400 copper strip

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

1. Introduction of the C19400 copper strip

C19400 is copper-iron-phosphorus alloy ,It has good electrical and thermal conductivity, as well as high strength and hardness, high internal softening temperature resistance, corrosion resistance, stress corrosion resistance, etc.

The strip has high precision, good plate shape, and no residual stress.

2. Grade and temper for C19400 copper strip

Grade: CDA-19400 | CA-19400 | C194 | 194 | CDA194 | CA194 | 19400

Temper: O, 1/4H, 1/2H, H, EH,SH

3. Chemical composition of C19400 copper strip

Chemical composition for C19400 alloy				
Elements	Cu	Fe	P	Zn
Composition	≥97	2.1-2.6	0.015-0.15	0.05-0.2

4. Characteristic of C19400 copper strip

FEATURES

- Resistant to Stesss Relaxation
- Twice the Electrical Conductivity of C260 Brass
- Corrosion Resistant
- Good Bend Formability
- High Strength

5. Mechanical properties for C19400 copper strip

MECHANICAL PROPERTIES FOR C19400 COPPER				
Temper	Tensile Strength	Yield Offset	Elongation	Hardness
	<i>x 1000</i>	<i>0.2% offset x</i>	<i>% in 2 Inches</i>	<i>.020 Gauge and</i>

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		<i>P.S.I.</i>	<i>1000 P.S.I.</i>		<i>Above</i>
H00	O	40 - 50	20 - 40	15 - 35	VH 80 Nom.
H01	1/4H	45 - 60	40 - 56	6-20	VH 95 - 120
H02	1/2H	53 - 63	36 - 58	6-15	B 59 Nom.
H04	Hard	60 - 70	53 - 65	3-8	B 71 Nom.
H06	Ex-H	67 - 73	64 - 72	2 Min.	B 74 Nom.
H08	Spring	70 - 76	67 - 75	1 Min.	B 76 Nom.
H10	Ex-Spring	73 - 80	70 - 79	-	B 77 Nom.

6. Application of C19400 copper strip

C19400 copper strip is used in the connector industry of the electronics industry and the material of lead frames for large-scale integrated circuits.

7. Manufacture plant of C19400 copper strip



8. Tests and inspection for C19400 copper strip

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



9. Mill certificate for C19400 copper strip



Test Report

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Page 4 of 4

Sample photo:



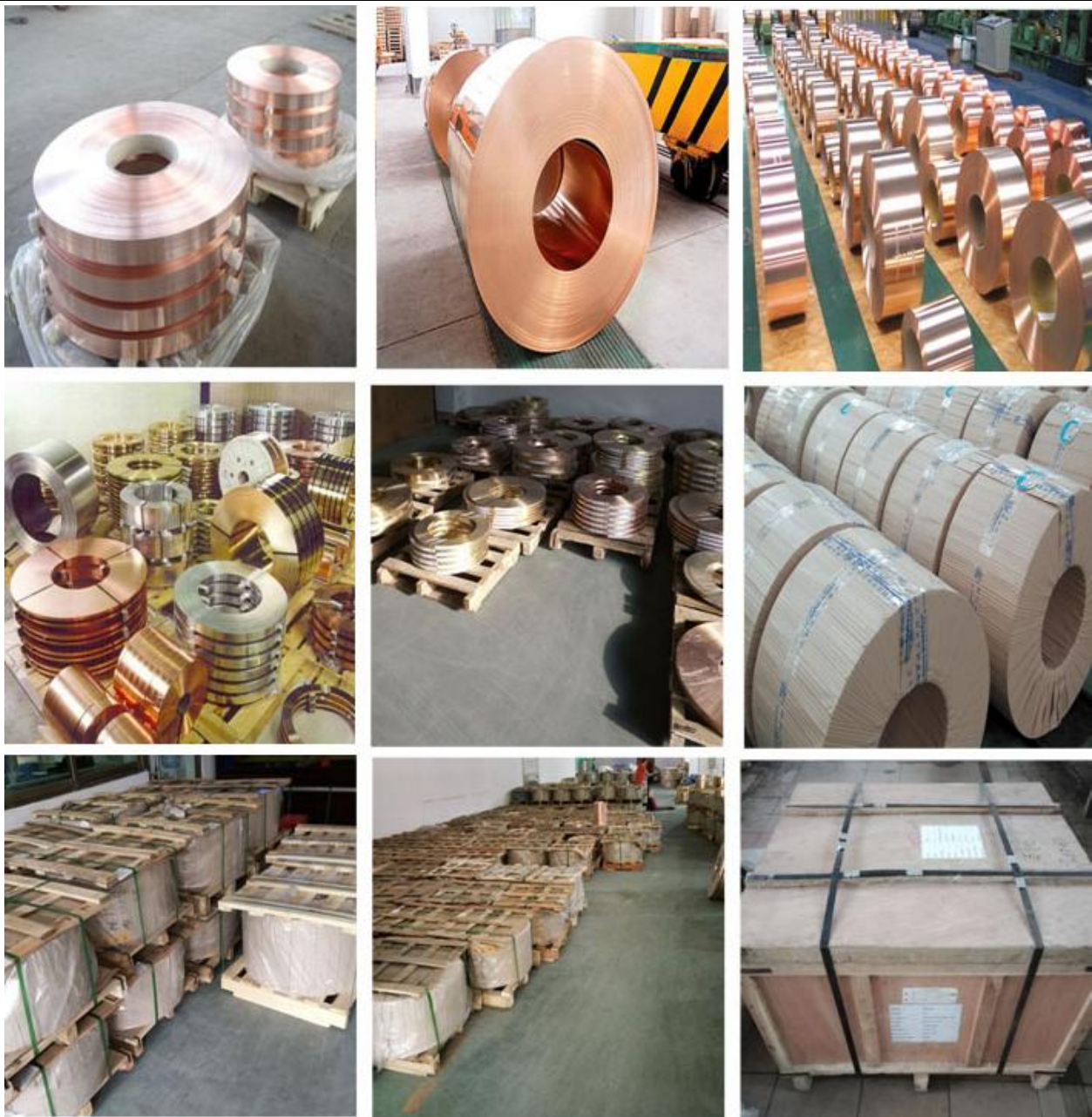
SGS authenticate the photo on original report only

*** End of Report ***

10. Packing and shipping for C19400 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 C19400 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.