

H80 brass strip coil

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

1. Introduction of the H80 brass strip coil

Brass H80 / C2400 / CuZn20: copper content of 80%, have similar performance as H85, higher strength, better plasticity and higher corrosion resistance. , Usually used as thin-walled tube, corrugated tube paper net and house building supplies.

2. Grade and temper for H80 brass strip coil

Grade: C2400, C24000, CDA240, C240, CZ103, H80, CuZn20

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

Different countries' Standard comparison table of brass

GB	DIN		EN		ISO	UNS	JIS
H96	CuZn5	2.0220	CuZn5	CE500L	CuZn5	C21000	C2100
H90	CuZn10	2.0230	CuZn10	CW501L	CuZn10	C22000	C2200
H85	CuZn15	2.0240	CuZn15	CW502L	CuZn15	C23000	C2300
H80	CuZn20	2.0250	CuZn20	CW503L	CuZn20	C24000	C2400
H70	CuZn30	2.0265	CuZn30	CW505L	CuZn30	C26000	C2600
H68	CuZn33	2.0280	CuZn33	CW506L	CuZn35	C26800	C2680
H65	CuZn36	2.0335	CuZn36	CW507L	CuZn35	C27000	C2700
H63	CuZn37	2.0321	CuZn37	CW508L	CuZn37	C27200	C2720

3. Chemical composition of H80 brass strip coil

Chemical composition

Cu : 79.0~81.0

Zn: balance

Pb: ≤0.03

P: ≤0.01

Fe: ≤0.10

Sb : ≤0.005

Bi: ≤0.005

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

Phone: +86-769-89800565

E-mail:sales@intmc.com

Impurity: ≤ 0.3

4. Dimension and tolerance of H80 brass strip coil

Thickness mm	Width mm							
	≤ 200		$> 200 \sim 400$		$> 400 \sim 600$		$> 600 \sim 1000$	
	Thickness tolerance / \pm mm							
	Ordinary Level		Ordinary Level		Ordinary Level		Ordinary 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. Characteristics of H80 brass strip coil

Mechanical properties

Tensile strength σ_b (MPa): ≥ 265

Elongation δ_{10} (%): ≥ 50

Note: The tensile mechanical properties of the plate

Sample size: thickness ≥ 0.5

Heat treatment specification

Hot working temperature $820 \sim 870$ °C

Annealing temperature $600 \sim 700$ °C

The low-temperature annealing temperature to eliminate internal stress is 260 °C .

6. Application of H80 brass strip coil

It is used in building materials, cosmetics the accessories, thin-walled tube, corrugated tube paper net and house building supplies, water heater tank, zipper head, bullets warhead, Etc.

7. Manufacture plant of H80 brass strip coil

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8. Tests and inspection for H80 brass strip coil

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



9. Quality certificate for H80 brass strip coil

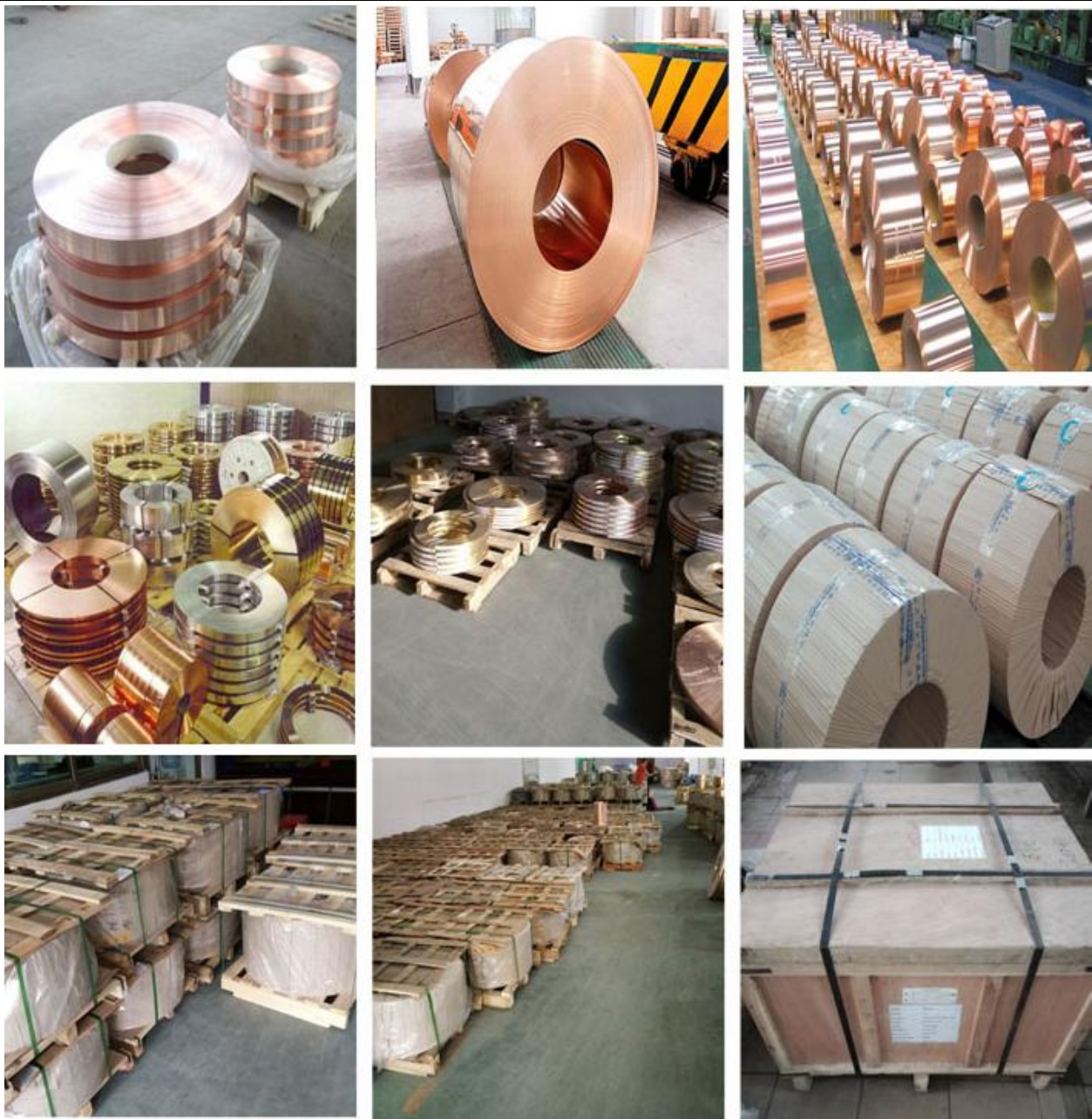
CERTIFICATE



10. Packing and shipping for H80 brass strip coil

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 brass 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.