

### **C75200 Copper Nickel Zinc strip**

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

#### **1. Introduction of the C75200 Copper Nickel Zinc strip**

C75200 CuNi18Zn20 Nickel Silver Alloys, has excellent abrasiveness, brazing and stress relaxation resistance, high strength and elasticity, good corrosion resistance, and is easy to electroplating, hot and cold processing and other technical process performance.



#### **2. Grade and temper for C75200 Copper Nickel Zinc strip**

Grade: UNS C75200, CDA752 , CuNi18Zn20, JIS C7521, BZn18-18, CW409J

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

#### **3. Chemical composition of C75200 Copper Nickel Zinc strip**

C75200 CuNi18Zn20 Chemical Composition:

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

Phone: +86-769-89800565

E-mail:sales@intmc.com

Cu: 62.0-66.00%  
 Ni: 16.5.00-19.5%  
 Fe: 0.25% Max.  
 Pb: 0.05% Max.  
 Mn: 0.50% Max.  
 Zn: Balance

GB	UNS	EN	JIS	Cu%	Ni%	Zn%
BZn18-18	C75200	CuNi18Zn20	C7521	62-66	16.5-19.5	Rem

#### 4. Properties of of C75200 Copper Nickel Zinc strip

Physical properties for C75200 alloy				
Density g/cm <sup>3</sup>	Electrical conductivity %IACS	Thermal conductivity W/(m.K)	Modulus of elasticity GPa	Specific heat J/(g.K)
8.73	6	32	125	0.34

Fabrication properties for C75200 alloy					
cold-workability	machinability	electric plating property	hot dip tin plating property	weldability	corrosion
excellent	suitable	excellent	excellent	good	excellent

Mechanical Properties for C75200 alloy				
Alloy No	Quality Grade	Tensile Strength (Kgf/mm)	Elongation %	Hardness Test HV
C75200	O	≥38.5	≥20	~
	1/2H	45~58	≥5	120~180
	H	≥55	≥3	≥150

## 5. Application of C75200 Copper Nickel Zinc strip

C75200 CuNi18Zn20 Nickel Silver is mainly used in manufacture of corrosion-resistant structural parts, such as various precision instruments, springs, sockets, covers and other parts of advanced electronic components.

It is also used in musical instruments, tableware, glasses frames and decoration works .

## 6. Manufacture plant of C75200 Copper Nickel Zinc strip



## 7. Tests and inspection for C75200 Copper Nickel Zinc strip

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



**8. Mill certificate for C75200 Copper Nickel Zinc strip**

**CERTIFICATE**



**10. Packing and shipping for C75200 Copper Nickel Zinc strip**

**Packing:**

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

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E-mail:sales@intmc.com





**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 Nickel Zinc 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.