



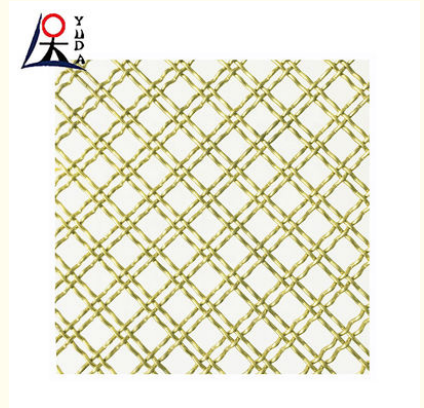
## Pure Copper Mesh Red Copper Brass Phosphor Bronze Tinned Woven Mesh

### Our Product Introduction

for more products please visit us on [wire-metalmesh.com](http://wire-metalmesh.com)

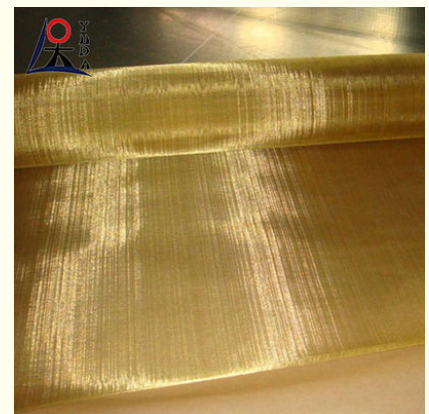
#### Basic Information

- Place of Origin: CHINA
- Brand Name: YUDA
- Model Number: Brass / copper wire mesh
- Minimum Order Quantity: 100 Square Meter
- Price: Reconsideration
- Packaging Details: Customized according to buyer's requirements
- Delivery Time: 3-10 day
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 200000 Square Meter/ day



#### Product Specification

- Product Name: Brass Hardware Cloth
- Key Words: Brass Hardware Cloth
- Material: Copper Wire, Brass Wire, phosphor Bronze Wire
- Hole Shape: Square Hole
- Mesh Count: 1-200mesh
- Wire Diameter: 0.05mm-2.03mm
- Weave Type: Plain Woven Weave
- Application: Shielding
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Highlight: **Phosphor Bronze Woven Mesh, Tinned Woven Mesh, Red Copper Woven Mesh**



## Product Description

### Pure Copper Mesh Red Copper Brass Phosphor Bronze Tinned Woven Mesh

Bronze is an alloy mainly composed of copper. Therefore, bronze wire mesh and copper wire mesh have many of the same characteristics, like malleability, durability, and ductility. The chemical composition of commonly used commercial bronze wire mesh is 90% Copper and 10% Zinc.

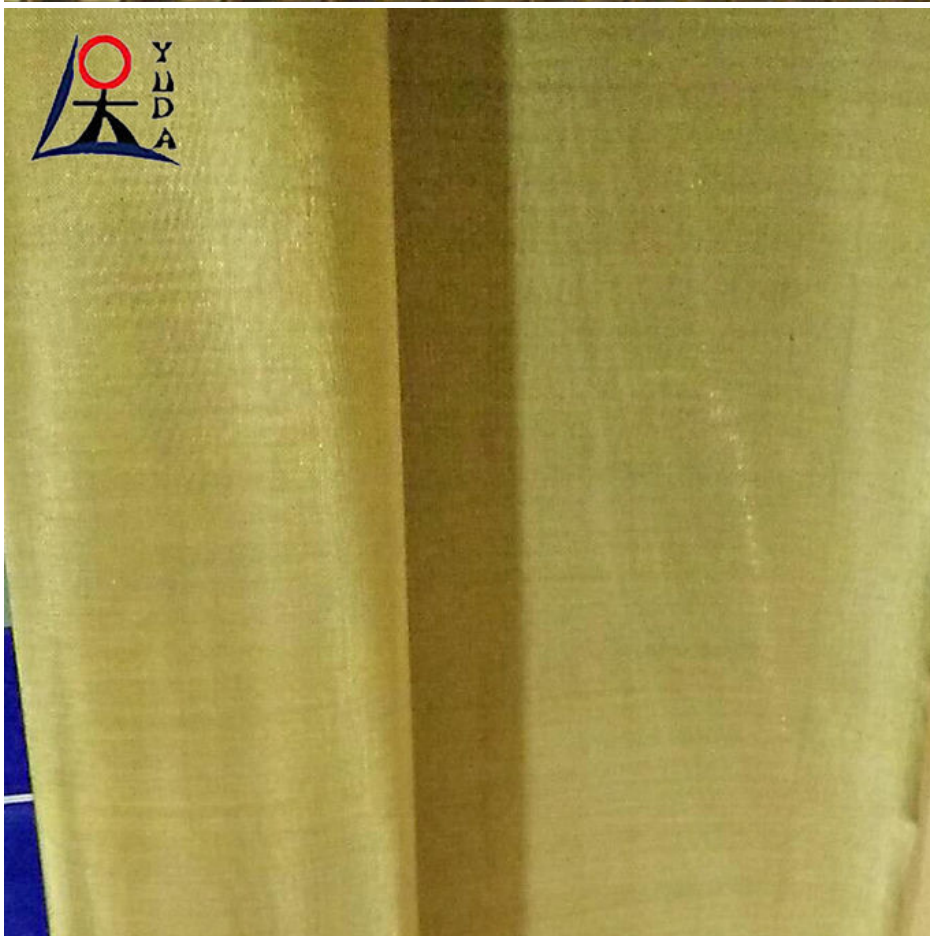
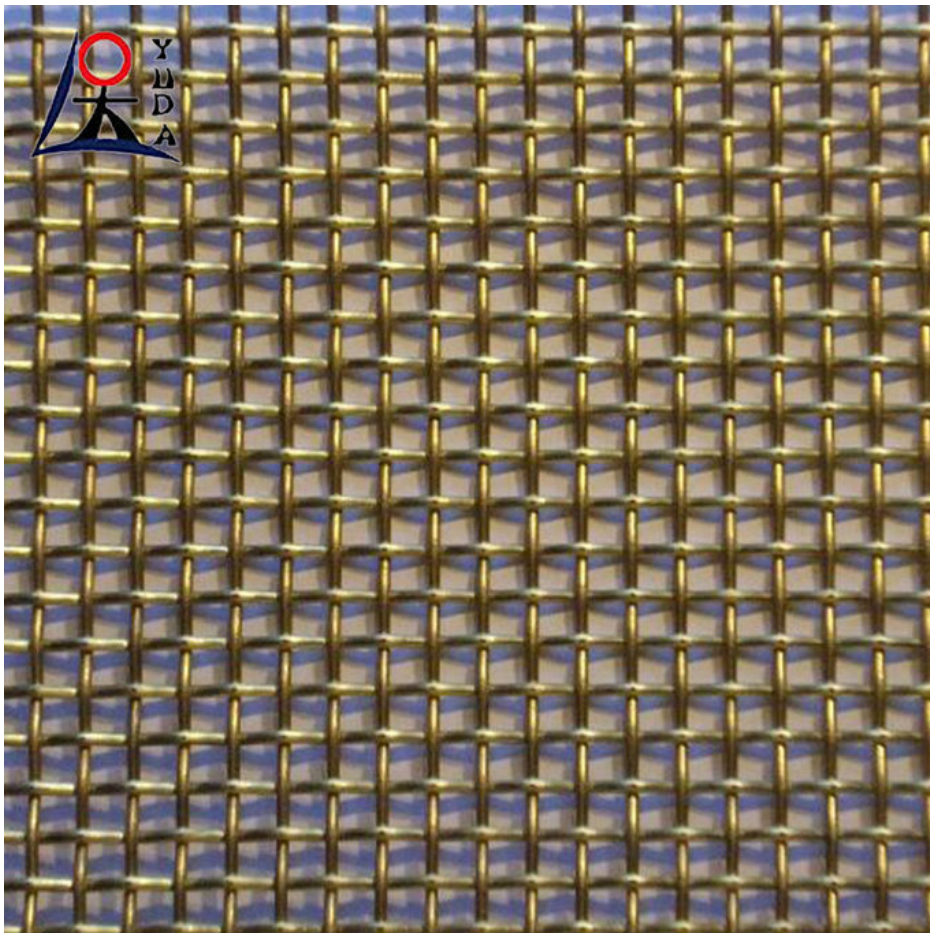
Bronze woven wire mesh has stronger corrosion resistance and durability than brass wire mesh. And it has a unique antique brownish-red color, which is an important reason for the use of bronze wire mesh from various marine and military applications to a commercial and residential insect screen. Bronze wire mesh is not as flexible and ductile as copper woven wire mesh for industrial needs, so it is often used in filtration and separation applications.

Brass is another copper alloy made of copper and zinc. And like copper wire mesh, brass wire mesh is soft and malleable. But its corrosion resistance is not as good as bronze.

As a wire mesh, the most commonly available brass woven wire mesh is referred to as "270 yellow brass" and has a chemical composition of approximately 65% copper, 35% zinc. "260 high brass", which consists of 70% copper and 30% zinc is also popular in the mesh industry, particularly on custom manufactured items.

Zinc plays an important role in brass wire mesh, it increases the wear resistance and higher tensile strength of brass wire mesh. It also hardens the mesh, compared to its softer copper woven wire mesh counterpart. For these reasons, brass wire mesh is commonly used in filtration and separation applications. In most cases, industrial-grade brass woven wire mesh has a golden yellow color to it, and this unique color makes it appealing for use in architectural, decorative and even artistic applications. Like virtually all wire mesh and wire cloth, brass wire mesh is used in architectural, decorative and industrial applications.

Mesh/inch	Wire diameter (mm)	Aperture (mm)	Mesh/inch	Wire diameter (mm)	Aperture (mm)
2mesh	1.80	10.90	40mesh	0.21	0.425
3mesh	1.60	6.866	50mesh	0.19	0.318
4mesh	1.20	5.15	60mesh	0.15	0.273
5mesh	0.91	4.17	70mesh	0.14	0.223
6mesh	0.80	3.433	80mesh	0.12	0.198
8mesh	0.60	2.575	90mesh	0.11	0.172
10mesh	0.55	1.99	100mesh	0.10	0.154
12mesh	0.50	1.616	120mesh	0.08	0.132
14mesh	0.45	1.326	140mesh	0.07	0.111
16mesh	0.40	1.188	150mesh	0.065	0.104
18mesh	0.35	1.060	160mesh	0.065	0.094
20mesh	0.30	0.970	180mesh	0.053	0.088
26mesh	0.28	0.696	200mesh	0.053	0.074
30mesh	0.25	0.596			



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