

STAINLESS STEEL WIRE MESH +  
COPPER WIRE MESH +  
BRASS WIRE CLOTH +  
PHOSPHOR BRONZE MESH +



# WOVEN WIRE MESH AND SCREENS FOR SHIELDING INDUSTRY



# Woven Mesh Screens for EMI & RFI Shielding

## Introduction

The woven wire mesh can be the main material to install high performance faraday cages to prevent electromagnetic interference (EMI) and radio frequency interference (RFI).

## Laboratory

In the laboratory, RF shielding is used to protect laboratory equipment to provide protection against interfering signals, and provides an interference free environment which speeds testing to enable one to obtain reliable test data. The shielding wire mesh were installed on walls, ceiling, floor and all incoming power and data cables.

## Military Security

The shielding screen can offering not only EMI (Electromagnetic Interference) shielding but also protection against EMP (Electromagnetic Pulse). The screen also used for military base preventing information leakage from electronic eavesdropping or bugging attacks.

## Server Room

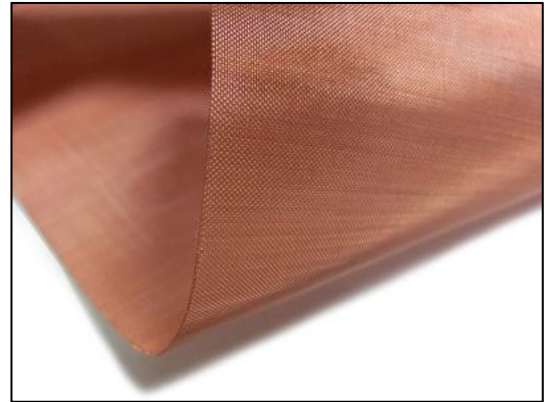
Woven wire mesh is used as shielding screen for protection against stealing and destroying of digital information in server rooms.

## MRI Shielding Room

Accordingly, shielding screen faraday cage is required in many MRI installations.

## Advantages

- High shielding performance
- Special ventilation is not required
- Easy visual and verbal communications between exterior and interior
- Easy to Maintain



*Copper wire cloth*



*Faraday cages*



*MRI shielding room*

# Technical Parameters

## When ordering, please specify:

The followings are necessary important information for a complete specification of the shielding screens:

### 1. Product Type

Stainless steel wire mesh  
Copper wire mesh  
Brass wire mesh  
Phosphor bronze wire mesh

### 2. Mesh Count

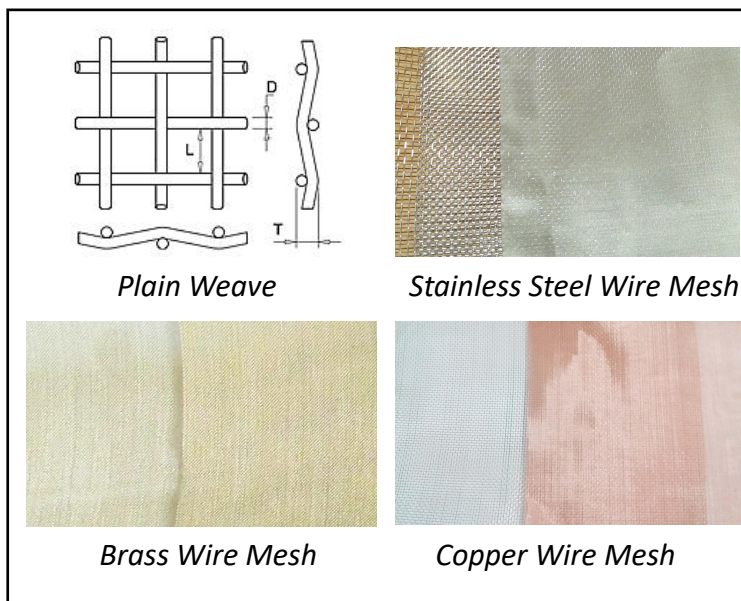
From 10 mesh to 120 mesh

### 3. Openings

From 0.1 mm to 1.3 mm

### 4. Material

Stainless steel 304, 316L, 321  
Pure copper, brass, phosphor bronze



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