

B R O C H U R E

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# MRI Shielding Room



Anping Web Wire Mesh Co.,Ltd.

# Wire Mesh For MRI Shielding Room



## Introduction

The woven wire mesh can be the main material to install high performance faraday cages to shield medical rooms.

Now, with the development of medical technology, many high field MRI scanners have been introduced in more hospitals, MRI equipment is producing increasingly high noise levels, the patient comfort, patient technician communication and staff

working efficiency is affected by these equipments noise levels.

During the scanning process, the patient is located at the center of the equipment, radio frequency emitted from the working scanners. The patient is influenced by noise is short time, while the long term noise have a serious effects on the technicians and other staff.

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



Idea for	Screen Size	Features & Benefits
<ul style="list-style-type: none"><li>MRI room</li></ul>	<ul style="list-style-type: none"><li>16 mesh</li><li>80 mesh</li><li>100 mesh</li></ul>	<ul style="list-style-type: none"><li>High shielding performance</li><li>Special ventilation is not required</li><li>Easy visual and verbal communications between exterior and interior</li><li>Easy to Maintain</li></ul>

# Technical Parameters

## When ordering, please specify:

### 1. Material

stainless steel, copper, brass

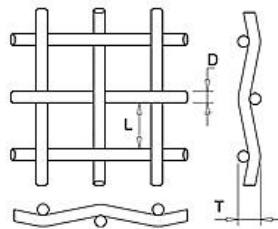
### 2. Weave Type

### 3. Wire Diameter (D)

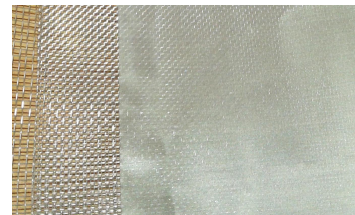
### 4. Hole Size (L)

### 5. Roll Width (RW)

### 6. Roll Length (RL)



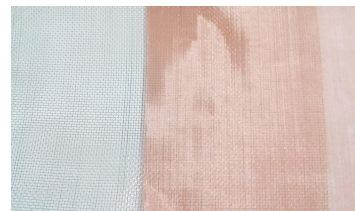
Plain Weave



Stainless Steel Wire Mesh



Brass Wire Mesh



Copper Wire Mesh

## Woven Wire Mesh

Material	Mesh	Wire		Aperture		Open Area	Weight
type	OPI	mm	inch	mm	inch	%	Kgs/m <sup>2</sup>
Stainless Steel	80	0.12	0.0047	0.197	0.0077	38.69	0.57
	100	0.10	0.0039	0.154	0.0060	36.75	0.50
Brass	80	0.12	0.0047	0.197	0.0077	38.69	0.65
	100	0.10	0.0039	0.154	0.0060	36.75	0.57
Pure Copper	80	0.12	0.0047	0.197	0.0077	38.69	0.65
	100	0.10	0.0039	0.154	0.0060	36.75	0.57

### Headquarters

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