

Copper Mesh For Magnetic Shielding

Transparent magnetic shielding copper mesh is an ideal screening solution for windows, clothes, screening tents, medical equipments etc.

Heanjia's electromagnetic and radiofrequency shielding mesh is constructed from the pure copper fiber. Its magnetic shielding properties make it ideal for use as RF window screens, fly screens, curtains, RF security clothes and screening tents etc. It secures a body from the magnetic interference specifically in the high frequency areas such as from radiations emitted by mobile phones, microwaves, aviation radar and military broadcast. Copper offers excellent magnetic shielding performance. Considering its broad demand among industries, Heanjia produces copper magnetic shielding mesh in bulk magnitudes in the different sizes to ensure the shortest delivery time.

Features

1. High air permeability
2. Transparent
3. Lightweight
4. Easy folding
5. Easy cutting and sewing

Application Areas

1. Laboratory
2. Aerospace
3. Industrial sites
4. Electronic circuits screening
5. Electronic device shielding

Copper Mesh performance in Magnetic Shielding

Wires per inch	Wire dia, mm	Nominal aperture, mm	Light transmission, %	Attenuation	
				Frequency	dB
70	0.076	0.287	62.6	10 kHz	24
100	0.050	0.204	64.5	10 kHz	22
70	0.076	0.287	62.6	100 kHz	39
100	0.050	0.204	64.5	100 kHz	35
70	0.076	0.287	62.6	1000 kHz	58
100	0.050	0.204	64.5	1000 kHz	54
70	0.076	0.287	62.6	1 MHz	105
100	0.050	0.204	64.5	1 MHz	111
70	0.076	0.287	62.6	10 MHz	100
100	0.050	0.204	64.5	10 MHz	99
70	0.076	0.287	62.6	100 MHz	86
100	0.050	0.204	64.5	100 MHz	95
70	0.076	0.287	62.6	1 GHz	66

70	0.076	0.287	62.6	1 GHz	72
100	0.050	0.204	64.5	10 GHz	34
70	0.076	0.287	62.6	10 GHz	45

Heanjia Super-Metals Co., Ltd

www.nickel-wiremesh.com