



SYNERGY TELECOM
PVT LTD

EMC Solutions
products



MRI Door



Standard size 1200 x2100mm, special size available

RF attenuation: 10MHz~153MHz more than 100dB

Noise suppression: 40dB

Easy to install

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RF Shield box



Shielding attenuation: 800MHz-6GHz with 70dB

Option: manual or pneumatic operation RF shield box

Application: Testing Bluetooth, WiFi, Phone and other Wireless products

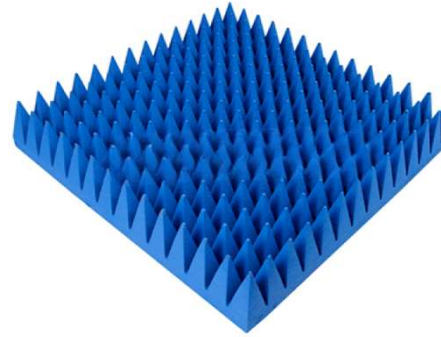
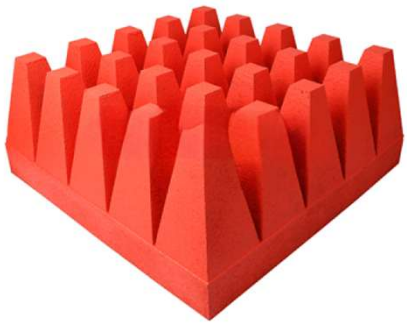
Easily customizable to meet various test needs

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RF Absorber



Base size: 500*500mm, 600*600mm, customized size accept

Meet fire retardancy requirement of NRL report 8093 I, II, and III.

Material, shape and height vary according to customer requirements for absorption level.

Easy Installation: glue, base panel and velcro.

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Ferrite tile



30MHz~1GHz with reflection Loss -10.5dB~-25.9dB

Standard size: 100*100*5.2mm, 100*100*6.7mm

Supply fittings for installation

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HEMP Powerline filter



Current:16~2500A.

Meet MIL-STD-188-125 parts 1&2; DEF STAN 59-188 parts 1&2 for E1, E2 pulses.

CE certification, RoHS compliance.

Application: Electrical, aerospace, military etc.

Customized acceptable

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Data filter/Signal Line filter



Various specification available, used for telephone systems, data communication systems, control systems and fire alarm systems.

Easy to install.

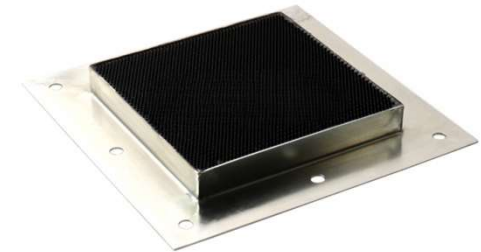
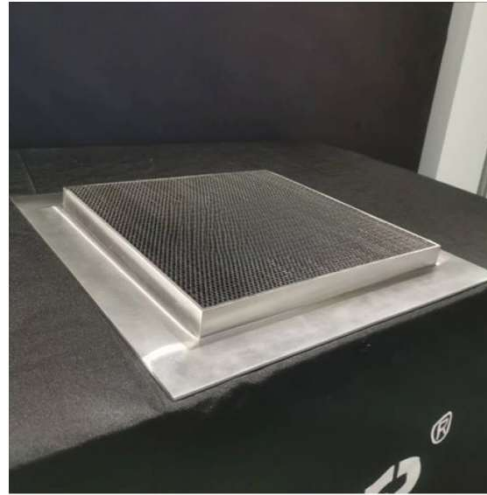
Customized acceptable.

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Steel honeycomb vent



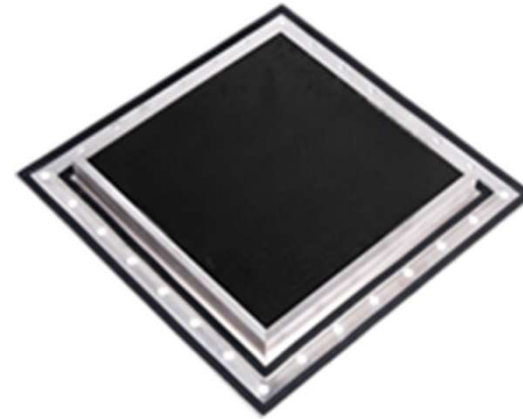
Most utilized both in civil and military applications
Regular size: 300*300mm, 300*600mm, 450*450mm,
600*600mm, customized size acceptable
Shielding effectiveness: up to 40GHz more than 100dB
Low air-flow resistance

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Aluminum honeycomb vent



Aluminum foil thickness 0.06mm or 0.08mm

Various shape and size, customized shape and size are acceptable

Light than other materials

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Brass honeycomb vent



Excellent resistance to corrosion

Regular size: 300*300mm, 300*600mm, 450*450mm, 600*600mm

Customized size and shape are both available

Shielding effectiveness: up to 40GHz 100dB

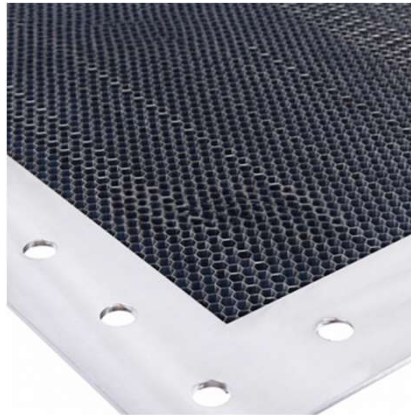
Low air-flow resistance

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Stainless steel honeycomb vent



Excellent for all environments

Regular size: 300*300mm, 300*600mm, 450*450mm, 600*600mm

Customized size acceptable

Shielding effectiveness: up to 10GHz, 18GHz, 40GHz
100dB

Low air-flow resistance

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EMC Cabinet



Shielding attenuation: 14KHz-40GHz with 100dB
Fully 2mm thick galvanized steel construction with paint
The inside of EMC cabinet is available for shelves
In bottom of EMC cabinet is available for wheels.
Accept customized size and color



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RF Shielded Door



Knife edge design, with beryllium copper fingerstock
Shielding effectiveness: more than 100dB from
14KHz~40GHz

Easy to install and operate

Easy to replace fingerstock gasket

Standard door opening size 1000*2000mm, accept
customized size and color

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Shielded Glass



EMI Shielding

High light transmission

Customized size available

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RF Shielded Window



RF attenuation: 10MHz~153MHz more than 100dB

Acoustic properties: 40dB

Easy to install

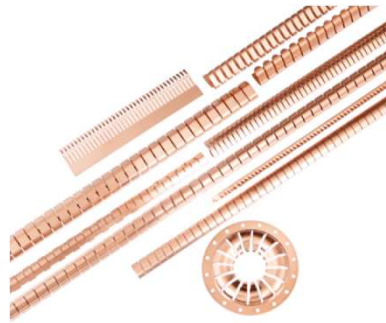
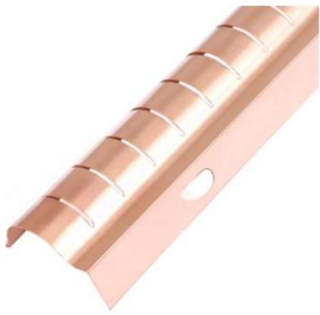
Regular glass size 3' x 4' , other size available

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Finger stock Gasket



Mounting options: stick-on, snap-on, clip-on, rivet,
Plating: bright and clean, tin-plated, nickel-plated, silver-plated, gold-plated...

With RoHS compliance

Material: Beryllium copper, stainless steel

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Knitted Wire Mesh Gasket



Various material: TCS, monel,.

Various shape: round, rectangle, round with tail, double with tail,...

Customized is available

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Conductive Foam Gasket



Fire rating: UL 94 V-0

Accept customized shape and size

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RF Shielding Copper Foil



Material: 99.9% pure copper

Application: Faraday cage, MRI shielded room

3Oz, 4Oz, 5Oz are all available

Rohs compliance



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Waveguide Pipe



Inner diameter: 0.5" , 1" , 2", customized size acceptable

Length: 5 times than inner diameter, customized length acceptable

Material: brass, steel, pure copper, aluminum, stainless steel

Application: RF shielded room, MRI rooms, RF cabinets, RF shielded box, Faraday cage

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EMI Shielding Tape



Available materials: Copper, Aluminum and conductive fabric

Pressure sensitive acrylic adhesive

Application: EMI and RFI shielding

Customized size available

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RF Shielding Wire Mesh



Material: copper, brass, stainless steel

Regular size: width 1m, length 30m/roll, customized size available

Mesh: 60mesh/inch, 80mesh/inch, 100mesh/inch, 150mesh/inch

Rohs compliance

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Copper Wool

99.8% pure copper
Wire diameter 0.07mm
EMI shielding application



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