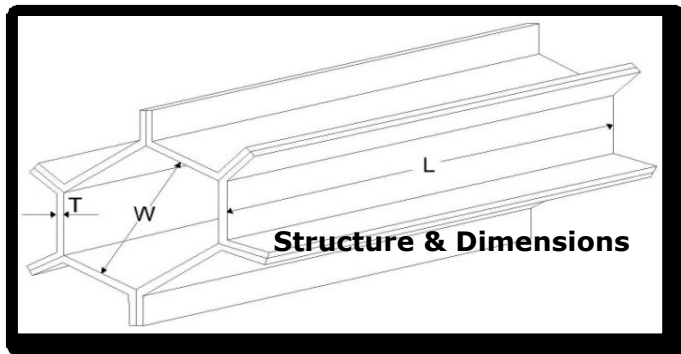
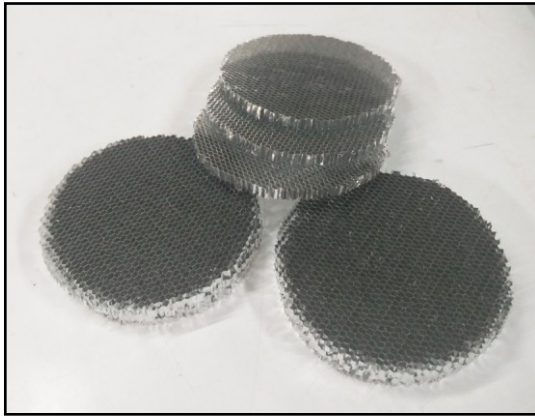




Honeycomb Mesh

Features:

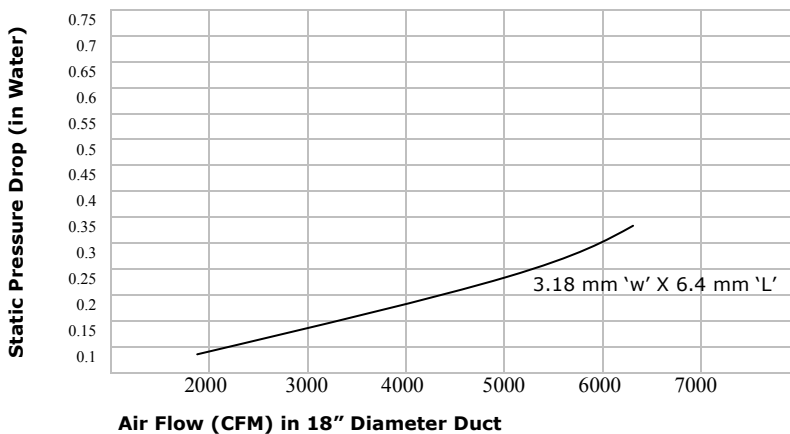
EMI Air Vent Filter plays roles of both ventilation (heat discharge) and countermeasure against EMI in shield room, chambers, electronic enclosures and so on The choice of material for EMI Air Vent Filter is greatly determined by EMI SE. performance of heal discharge and dimension of devices.



| W (mm) | L (mm) | T (mm) | Material |
|------------|--|--------|----------|
| 3.18 | 12.7 | 0.05 | Al / SS |
| 3.18 | 6.4 | 0.05 | Al / SS |
| 3.18 | 25.4 | 0.05 | Al / SS |
| 4.5 | 25.4/12.7 | 0.05 | Al / SS |
| Frame | Extrusion Aluminum Chromated (optional) | | |
| EMI Filter | Honeycomb/Aluminum MIL C 7438 Alloy 5052 | | |
| EMI Gasket | Various Options | | |

Properties of Air Flow:

The figure shows data on air flow Characteristics of Honeycomb.



Attenuation:

| | | |
|----------------|---------|-------|
| Magnetic Field | 100 KHz | 25 dB |
| Electric Field | 10 MHz | 80 dB |
| Plane Wave | 1 GHz | 70 dB |

In order to improve attenuation and avoid polarization effects a double-layer panel can be used, so that two honeycombs 6.35 mm thick produce a panel 12.7 mm thick or two 12.7 mm layers give a total thickness of 25.4 mm. here airflow may affect.