

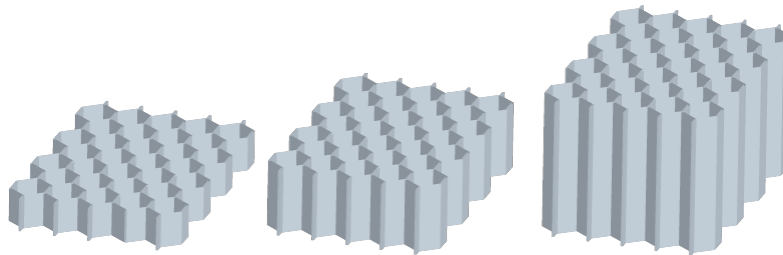
## 9505 - Frameless honeycomb vent panels

Honeycomb vents are used to EMI shield openings for ventilation or acoustic/visual contact. We can make these vents according to your drawing within a few days, or you can use our standard range from stock.

Honeycombs are also frequently used as flow straighteners to create a laminar flow.

### Honeycomb material thicknesses

We manufacture Honeycomb material in thicknesses of 6.35, 12.7 and 26.3 mm.



6.35 mm thickness

12.7 mm thickness

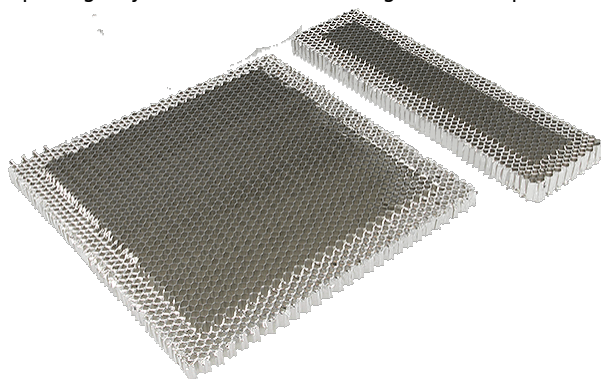
26.3 mm thickness

### Benefits

- Light weight
- High shielding performance
- Low air-flow resistance
- Reduction of turbulence
- Can be made round or rectangular shaped

### Compressed sides

The 9505 series Frameless Honeycomb ventilation panels can be made with compressed sides. This has the advantage that the ventilation panel easily remains in place in the opening of your electronics housing. This also provides better shielding performance.

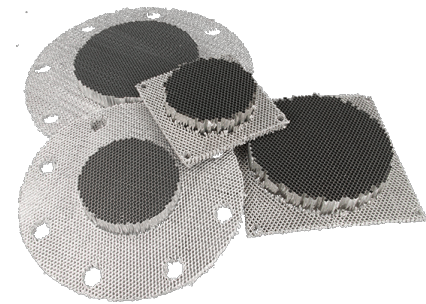


*Frameless EMI shielding ventilation panels can be made with compressed sides*

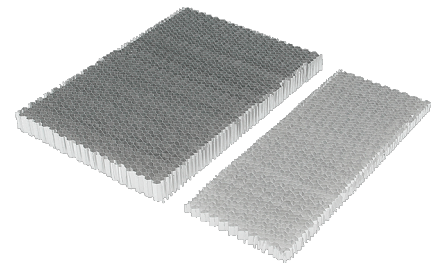
### Material specifications

Extrusion	Aluminium alloy 6063-T1 QQ-A-200/9
Filter media	Aluminium alloy 5056, per RR-W-365
Honeycomb	Aluminium alloy MIL-C-7438
Grilles	Aluminium alloy 3003-H-14 per QQ-A-359
Finish	Chem film to MIL-C-5541 Class 1A (standard) Also available: Bright tin, Electroless nickel or Chem film - Class 3

### Types

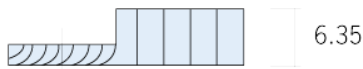


*Round shaped Frameless EMI shielding ventilation panels (Frameless Honeycomb ventilation panels) with compressed sides*

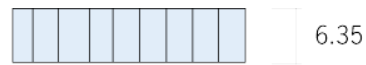


*Rectangular shaped Frameless EMI shielding ventilation panels*

## 9505 - Frameless honeycomb vent panels



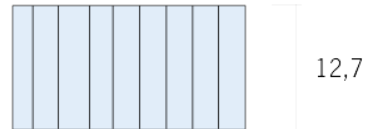
**Frameless M**  
(With compressed sides)



**Frameless N**  
(Honeycomb core material)



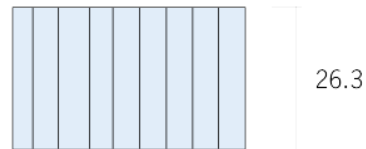
**Frameless O**  
(With compressed sides)



**Frameless P**  
(Honeycomb core material)



**Frameless Q**  
(With compressed sides)



**Frameless R**  
(Honeycomb core material)

### Dimensions

Frameless honeycomb vent panels can be produced very accurately in any desired size. Specify in the "Get a quotation area" below the dimensions you want.

Series	Shape	Type
9505	Select an option: RO : Round RE : Rectangular	Select an option: M : 6.35 mm thick with compressed sides O : 12.7 mm thick with compressed sides Q : 26.3 mm thick with compressed sides N : 6.35 mm thick P : 12.7 mm thick R : 26.3 mm thick