

Patron EMC Vent 1619 - Frameless Honeycomb vents



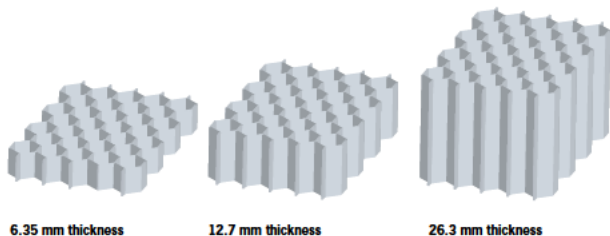
Frameless EMI shielding ventilation panels can be made with compressed sides

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.



Benefits

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

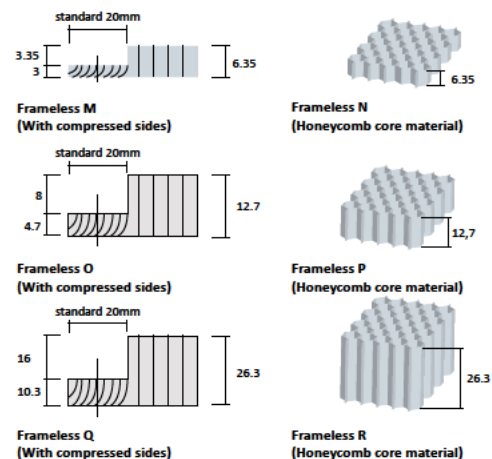
Compressed sides

The 1619 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.

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



Dimensions

Frameless honeycomb vent panels can be produced very accurately in any desired size.

How to order

When you want to order the 1619 Frameless Honeycomb vents please specify the following.

Part number	Shape	Type
Patron EMC Vent 1619	RO	M
	RO : Round RE : Rectangular	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