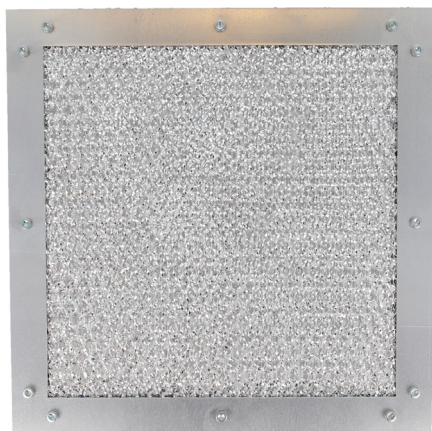




## 9510 - EMC dust filter ventilation panels



EMC dust filter ventilation panels consist of several layers of aluminium foil mesh encased in a rigid aluminium frame, pre-drilled, or with fasteners made to the customer's specifications, or with flow-drilled thread holes.

Approximately 95% of the 9510 series EMC Dust filter ventilation panels are made to customer specifications complying with an order. These panels can be treated with a variety of finishes to provide corrosion protection. Air filter oil can be applied to the aluminium filter to assist in dirt and dust retention.

By default, frames can be provided with an additional [6800 series Amucor](#) or [7000 series Standard shield EMI gasket](#).

### Applications

- Electronics enclosures
- Air conditioning units
- Fan housings
- EMC racks

### Advantages

- Light weight
- High shielding performance
- Very low air-flow resistance
- Reduction of turbulence

### Attenuation levels (dB)

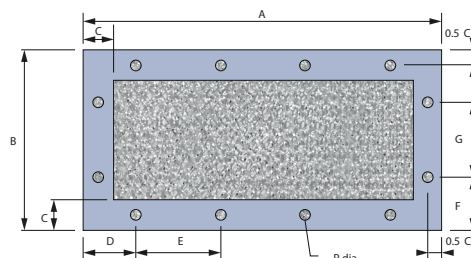
Frequency	dB
0.01 MHz	31
0.1 MHz	49
1.0 MHz	67
10.0 MHz	116
100 MHz	109
1000 MHz	72
10000 MHz	42

### Standard delivery time

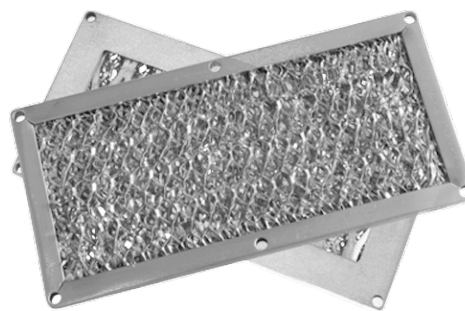
Most standard-sized EMC dust filters (see table below) are available from stock. When they are not in stock or when you need a custom-made filter, delivery is within two weeks.

### Standard dimensions

Our EMC dust filter ventilation panels are usually custom made for each client. However, some common dimensions are in stock. In the table of standard dimensions below some common types of EMC dust filter ventilation panels are specified to illustrate the required information. Hole diameter P is 3.5mm by default, with other dimensions possible on request. Also available with screw apertures or inserts.



Outer dimensions		Mounting holes horizontal			Mounting holes vertical		
A	B	no	D	E	no	F	G
150	75	2	40	70	1	37.5	-
100	100	1	50	-	1	50	-
200	100	3	20	80	1	50	-
125	125	2	20	85	1	62.5	-
250	125	3	30	95	1	62.5	1
150	150	2	25	100	2	25	100
300	150	4	30	80	2	25	100
175	175	2	40	95	2	40	95
350	175	4	40	90	2	40	95
200	200	3	20	80	3	20	80
400	200	5	30	85	3	20	80
250	250	3	30	95	3	30	95
300	300	4	30	80	4	30	80
600	300	7	30	90	4	30	80

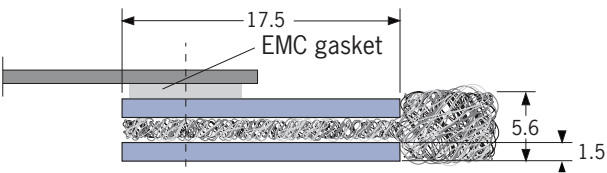


9510 series EMC Dust filter ventilation panel

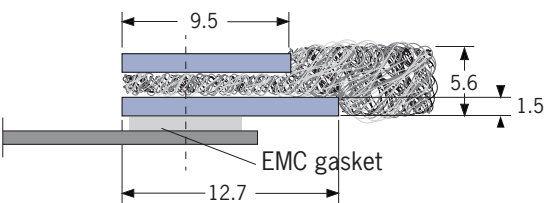
Revision date: 5-12-2016

# 9510 - EMC dust filter ventilation panels

## Frame options



Frame A



Frame B

## How to order

When you want to order the 9510 EMC dust filter ventilation panels please specify the following.

Series	Width (mm)	Height (mm)	Frame	Drill pattern	Gasket material
9510	100 Specify the width in mm	100 Specify the height in mm	A A : Frame A B : Frame B	DS DS : Standard drill pattern DC : Custom drill pattern N : No holes	A A : Amucor (standard) K : Knitted wire mesh N : No gasket

## Air-flow pressure reduction

