

DATA SHEET n° 31 09 001

Revision : 03 Of: January 2022

Technical features :

Product **SHIELDING AIR VENT PANELS**

Conform to RoHS, REACH

Material

FRAME finish :	Aluminium section 15 x 15 mm Surtec 650 - natural colour
HONEYCOMB cell size : thickness:	Aluminium hexagon cell 1/8" (3,2 mm) 1/4"+1/4" (total 12,7 mm)
WIRE SCREEN thickness:	3 Layers of aluminium corrugated knitted mesh 1/2" (12,7 mm)

Shielding

Effectiveness

Shielding effectiveness(dB), typical values in accordance to MIL-STD-285

HONEYCOMB PANELS		WIRE SCREEN PANELS	
cell size : 3,2 mm			
100	KHz : 60	100	KHz : 50
10	MHz : 80	10	MHz : 15
1	GHz : 50	1	GHz : 50

Effectiveness is an indication only and it is variable according to cell sizes

Fixing

Through holes usually made from customer by application

General Tolerances

up to 200 mm	±	0,5 mm
> 200 - 600 mm	±	1,0 mm
> 600 mm	±	1,5 mm

Hole Centres Tolerances

Handmade	±	0,85 mm
with tooling *	±	0,40 mm

* upon request