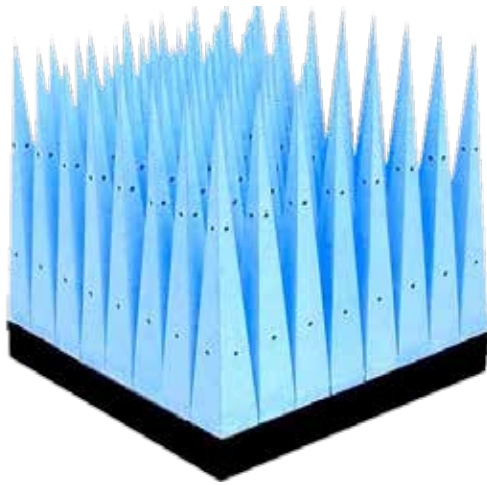




3690 - High power handling microporous pyramid absorbers

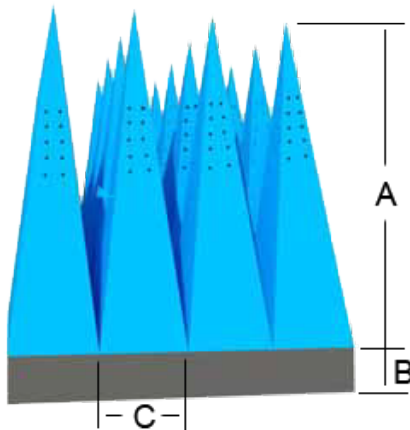


High power handling microporous pyramid absorbers can support inside and outside ventilation circulation, which would further improve the power handling capacity of such absorbers; it is mainly applied in high power shield cabinet, ventilation vents of anechoic chambers, and etc.

Characteristics

- Good flame retardant characteristics, it won't burn when it encounter the fire, it has oxygen index $\geq 60\%$ and flame retardant B1 level.
- Excellent high power handling capacity, it can withstand the power irradiation (continuous wave) 8-10kW/m²
- It adopts keel mounting method, without any adhesive.

Schematic diagram of Flame retardant ventilation pyramid absorber



Product specification and part numbers

Part number	Base size (mm x mm)	Pyramid quantity per unit	Unit size A x C x B (mm x mm x mm)	Standard weight (kg/m ²)
3690-300		64	300 x 60 x 50	13
3690-500		64	500 x 60 x 76	9
3690-690	500 x 500	36	690 x 80 x 90	20
3690-1000		16	1000 x 123 x 160	26

Reflection loss / Shielding performance

Part number	Reflection loss under vertical incidence (-dB @ GHz)										Power handling capacity kW/m ²
	0.08	0.3	0.5	1	3	6	10	18	40	100	
3690-300			25	35	40	50	50	50	50	45	3
3690-500		20	30	40	45	50	50	50	50	45	4
3690-690	8	25	35	40	50	50	50	50	50	45	5
3690-1000	11	30	40	45	50	50	50	50	50	45	5

These values are measured under laboratory conditions. In your situation results may differ, please read our Guarantee

Order information

When you want to order 3690 High power handling microporous pyramid absorbers please specify the part number as follow:

Part number	Height (mm)
3690	690