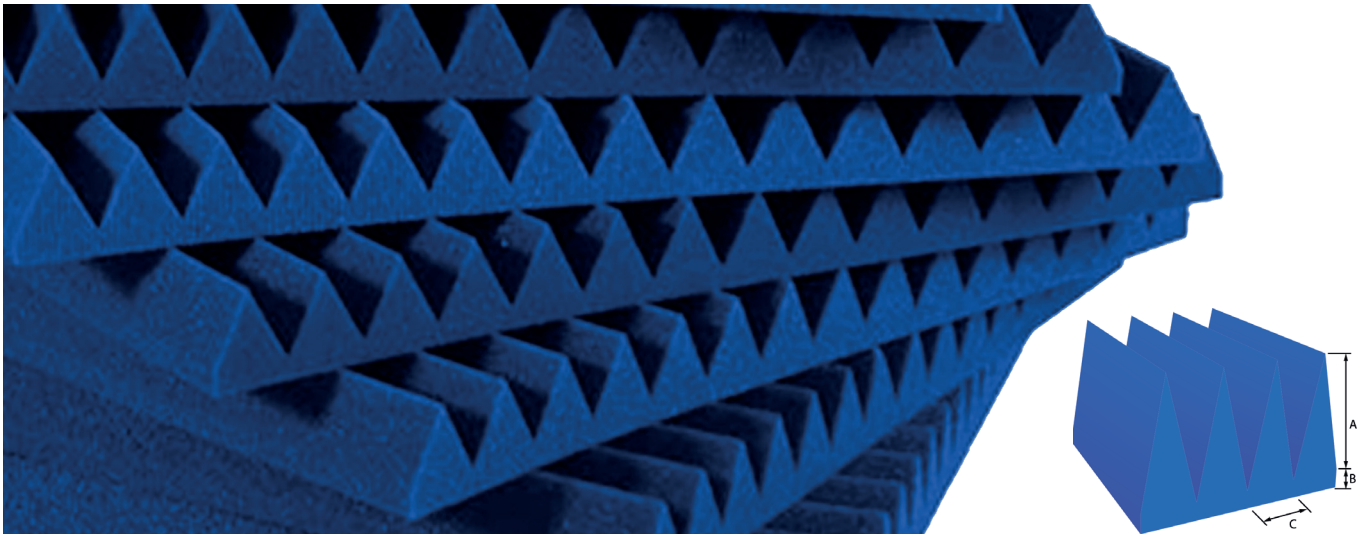


PU FOAM BASED WEDGE ABSORBERS 3670

The main advantage is to reduce the back scattering of pyramid absorbers and obtain higher quietness of quiet zone



PU foam based wedge absorbers has the properties similar to the pyramid absorbers with same height, it also has excellent performance in 100MHz-110GHz. It is mainly applied in large compact anechoic chamber and tapered anechoic chambers, the main advantage is to reduce the back scattering of pyramid absorbers and obtain higher quietness of quiet zone.

CHARACTERISTICS

- Such absorbers have a wedge-shaped appearance, with blue color (it can be selected as request)
- Pliable and flexible, the pyramids won't bend in long-term use, and its absorbing properties won't be changed within 10 years.
- Oxygen index $\geq 29\%$ (GB/T2406-93), which belongs to flame retardant B2 level (GB8624-1997)
- Good environmental performance, all raw materials can meet the environmental requirements, no volatile, no smell and non-toxic.

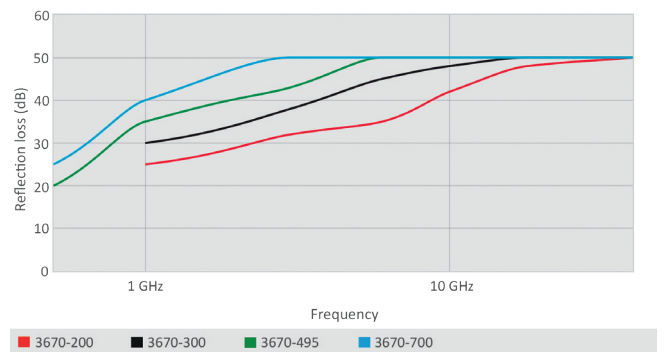
WORKING CONDITIONS

- Long-time working temperature: $-50\text{ }^{\circ}\text{C} \sim 90\text{ }^{\circ}\text{C}$
Short-time working temperature: $-100\text{ }^{\circ}\text{C} \sim 120\text{ }^{\circ}\text{C}$
- Relative humidity: $55\% \pm 15\%$

INSTALLATION METHOD

it generally use an environmental protective adhesive to paste the absorbers on the shield body; when the absorbers height is below 500mm, Velcro installation can be applied; furthermore, we can also adopt the fasteners to install the absorbers, which would facilitate the replacement of absorbers and the relocation of chambers.

REFLECTION LOSS UNDER VERTICAL INCIDENCE (-DB @ GHZ)



Please note: For the data below 500MHz, it is obtained by low-frequency coaxial test method (GJB5239-2004); while for the data above 1GHz, it is obtained by far-field RCS test method (GJB2038A-2011) The performance data listed in the above table is the guaranteed data, and the measured data would be equal to or better than the guaranteed data. Certification: CE ROHS

PRODUCT SPECIFICATION AND PART NUMBERS

Part number	Base size (mm xmm)	Pyramid quantity per unit	Unit size A x C x B (mm xmm xmm)	Standard weight (Kg/m ²)
3670-200	600 x 600	6	200 x 10 x 5	8
3670-300		6	300 x 10 x 7	10
3670-495	600*400	3	495 x 20 x 7.5	15
3670-700		2	700 x 20 x 10	24

ORDER EXAMPLE

Series **3670** — Height (mm)

Specify the height of the desired absorber in mm