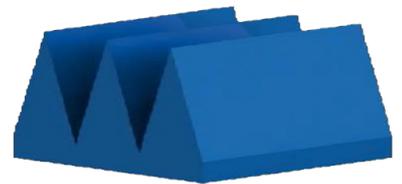


3670 - PU foam based wedge absorbers

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.

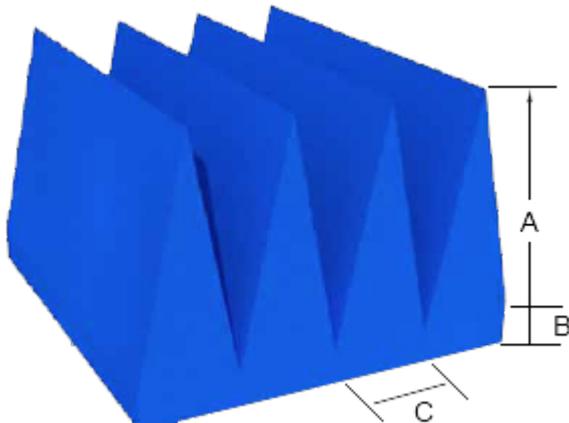


3670-200 (200 mm height PU foam based wedge absorber)

Characteristics

- Such absorbers have a wedge-shaped appearance, with blue color (it can be selected as request)
- Pliable and flexible, the pyramids wont bend in long-term use, and its absorbing properties wont be changed within 10 years.
- Oxygen index 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: general indoor application
 - Long-time working temperature: -50C ~ 90C
 - Short-time working temperature: -100C ~ 120C
 - Relative humidity: 55% 15%
 - Frequency range: 30MHz ~ 110GHz
- 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.

Schematic diagram of PU foam based wedge absorbers



Schematic diagram of 3670 series PU foam based wedge absorbers

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)
3670-200	600 x 600	6	200 10 5	8
3670-300		6	300 10 7	10
3670-495	600*400	3	495 20 7.5	15
3670-700		2	700 20 10	24

Reflection loss / Shielding performance

3670 - PU foam based wedge absorbers

Part number	Reflection loss under vertical incidence (-dB @ GHz)						Power handing capacity kW/m ²	
	0.5	1	3	6	10	18		40
3670-200		25	32	35	42	48	50	1.5
3670-300		30	38	45	48	50	50	1.5
3670-495	20	35	43	50	50	50	50	1.5
3670-700	25	40	50	50	50	50	50	1.5

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

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.
- The bold part number is a stock item and can be delivered immediately
- Certification: CE ROHS

Series	Height (mm)
3670	<input type="text"/>

Specify the height of the desired absorber in mm