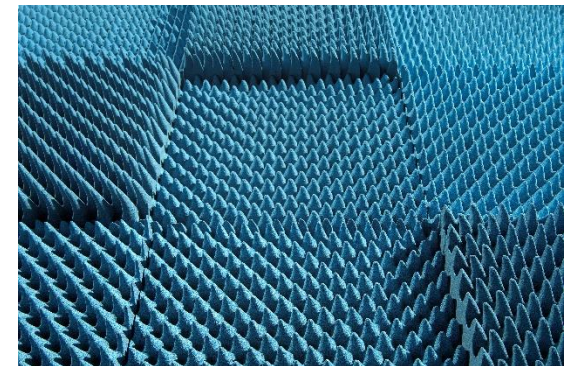


WAVASORB® CV

Convolute Broadband Foam Absorber

- WAVASORB® CV is a series of 3D shaped light weight foam absorber.
- The front side has a convoluted shape which improves its RF-performance level for the higher frequency range
- Due to its specific shape the reflectivity level will not degrade for higher angles of incidence of the signal.

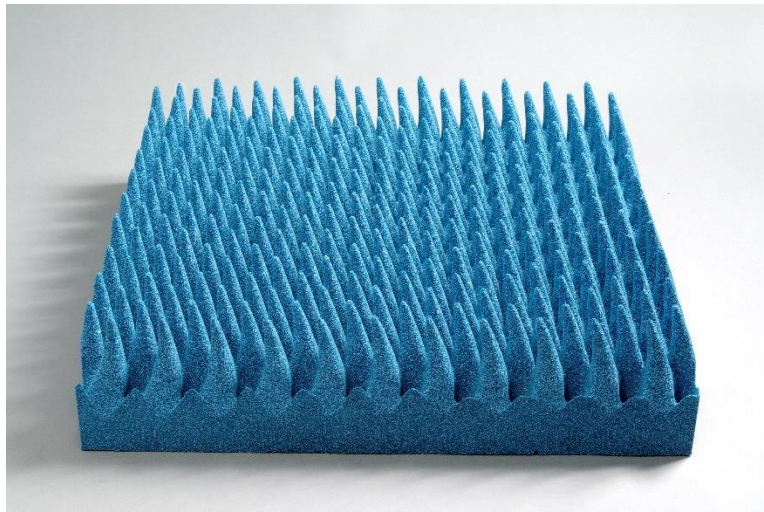


WAVASORB® CV

Installation Methods

WAVASORB® CV is bonded to metallic surfaces using WAVASORB® Adhesive 13111.

For easy exchange, modular installation techniques are available using Velcro fasteners to achieve perfect geometry and alignment compatibility with any type of shielding.



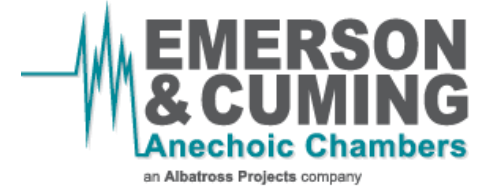
Applications

- WAVASORB® CV are often mounted on removable walls in test areas
- Absorber collars (shrouds) around the edges of high performance antennas
- Installation in anechoic test boxes or to line area's nearby RF-systems to suppress reflections
- Covering of metal structures in anechoic test environments
- Small test boxes
- MM-wave applications

WAVASORB CV GRADE

	Total height A (cm)	Number of pyramids per piece	Nominal weight (kg)
WAVASORB® CV-3	6,7	251	0,9
WAVASORB® CV-4	9,8	251	1,2
WAVASORB® CV-6	15,3	242	2,0

WAVASORB® CV



Physical properties

Base size	61 x 61 cm
Standard Color	Blue (contrast colors available on request)
Max. Service Temperature	90 °C
Power handling	1,5 kW/m ²
Fire retardancy	UL-94-HBF

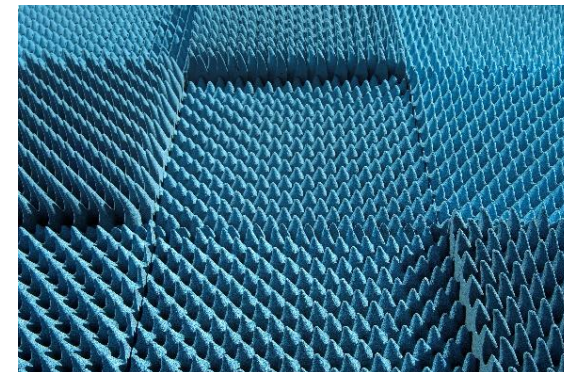
	THICKNESS (cm)
WAVASORB® CV-3	7,6
WAVASORB® CV-4	10,2
WAVASORB® CV-6	15,2

Electromagnetic Properties

FREQUENCY LIMIT FOR A GIVEN REFLECTIVITY (GHz)			
	-20 dB	-30 dB	-40 db
WAVASORB® CV-3	4	7	8
WAVASORB® CV-4	4	6	8
WAVASORB® CV-6	2,5	4,5	6

Standard Footprint: 61 x 61 cm

WAVASORB CV is specified by its reflectivity level for each type of thickness.



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Safety Considerations: It is recommended to consult the E&C ANECHOIC CHAMBERS product literature, including material safety data sheets, prior to use E&C ANECHOIC CHAMBERS products. These may be obtained from your local sales office.

Warranty: Values shown are based on testing of laboratory test specimens and represent data that falls within the normal range of properties of the material. These values are not intended for use in establishing maximum, minimum or ranges of values for specification purposes. Any determination of the suitability of the material or any use contemplated by the user and the manner of such use is the sole responsibility of the user who must assure that the material as subsequently processed meets the needs of this particular product or use.

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