

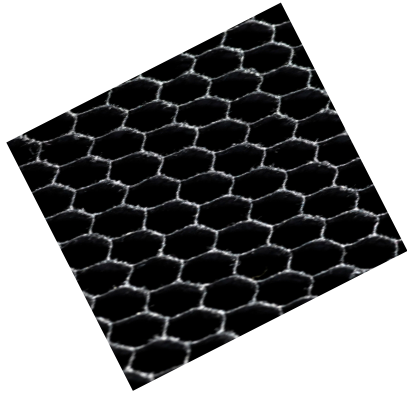
WAVASORB[®] FFX

Flat Sheet Broadband Microwave Honeycomb Absorber

- WAVASORB[®] FFX is a series of flat sheet, non-flexible absorbers used for high power applications, with or without ventilation.
- With its hexagonal open cell structure, the material has a high mechanical strength.
- Light weight material, typical for airborne applications.
- REACH-and RoHS-compliant, maintaining a healthy environment for operation.
- Designed and quality controlled using original simulating test techniques.

Installation Methods

WAVASORB® FFX is always installed to a metal backside, meaning in combination with a metal plate or a conductive foil.



Applications

WAVASORB® FFX is the preferred solution for:

- high-power applications;
- airborne applications;
- integration into a laminated system because of its open cell structure;
- putting in combination with low frequency spiral antennas systems to improve back lobe radiation.

The honeycomb structure of WAVASORB® FFX is a non-flexible material that combines high mechanical strength with light weight, allowing ventilated air throughout the hexagonal open cell structure. WAVASORB® FFX is coated with a gradient of conductive absorber coating.

For more information, contact your sales representative.

Characteristics

According to the EU-Regulation 2021/821 of the European Parliament and of the council of May 20, 2021: WAVASORB® FFX requires an export license.

Operating temperature ⁽¹⁾	+200°C
Environmental testing	According to AATCC 30-IV (2004)
REACH compliant	According to EC 1907/2006
RoHS compliant	According to 2015/863/EU
Quality control	IEEE Standard 1128 ISO 9001

⁽¹⁾ Depending on the environmental temperature

Physical properties

	Standard color	Standard footprint ⁽¹⁾
WAVASORB® FFX	Black	30,5 cm x 30,5 cm

⁽¹⁾ The above-mentioned dimensions have a tolerance of +/-6 mm

	Total height ⁽¹⁾ (cm)	Hexagonal cell size (cm)
WAVASORB® FFX-20	2,0	0,5

⁽¹⁾ The above-mentioned dimensions have a tolerance of +/-6 mm

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Specifications subject to change without notice. ECAC 04/2024

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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. We hope the information given here will be helpful. It is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification but we do not warrant the results to be obtained. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale INCLUDING THOSE LIMITING WARRANTIES AND REMEDIES which apply to all goods supplied by us. We assume no responsibility for the use of these statements, recommendations or suggestions nor do we intend them as a recommendation for any use which would infringe any patent or copyright.