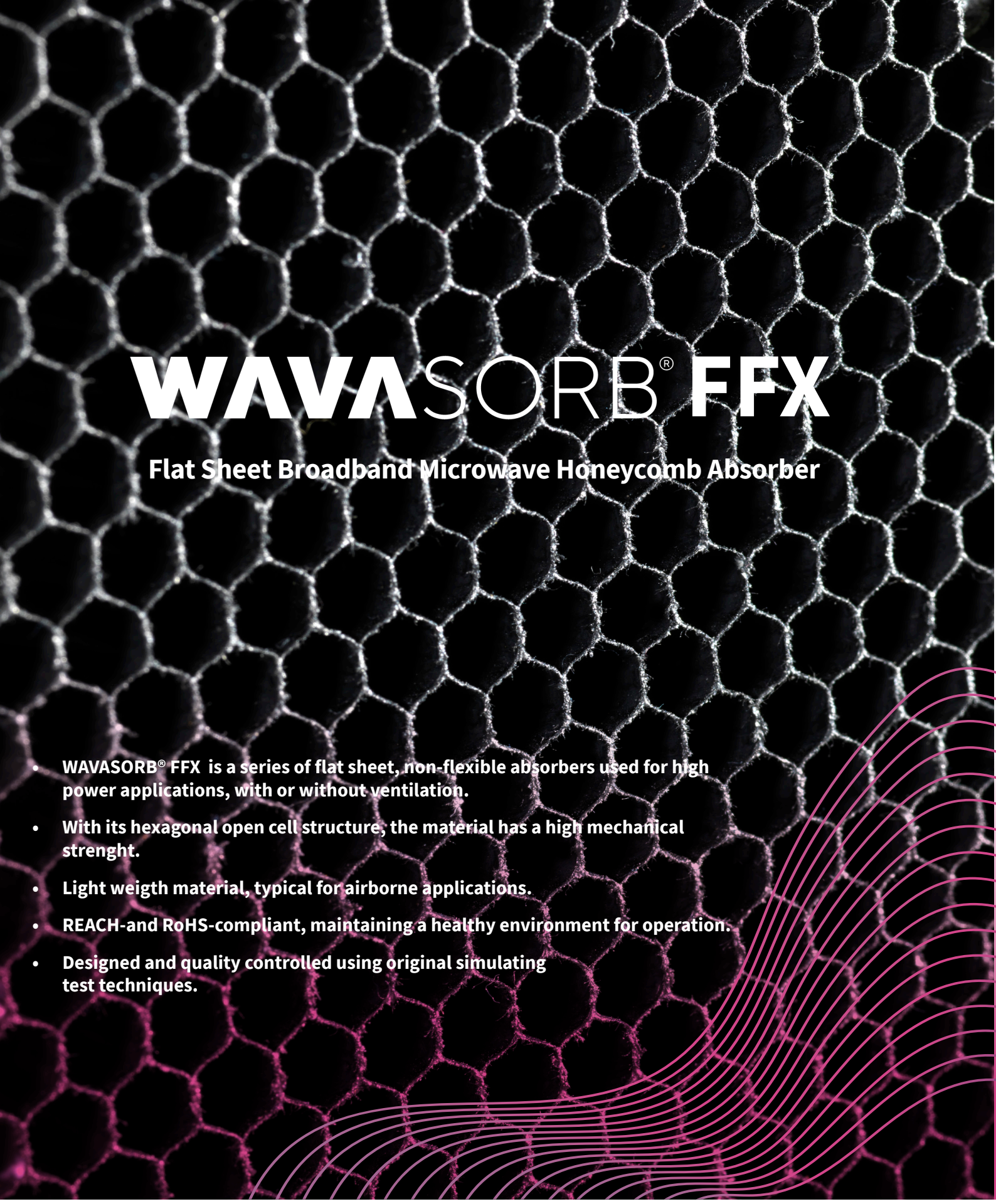

WAVASORB® FFX

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 strenght.
- Light weigth material, typical for airborne applications.
- REACH-and RoHS-compliant, maintaining a healthy environment for operation.
- Designed and quality controlled using original simulating test techniques.

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WAVASORB® FFX

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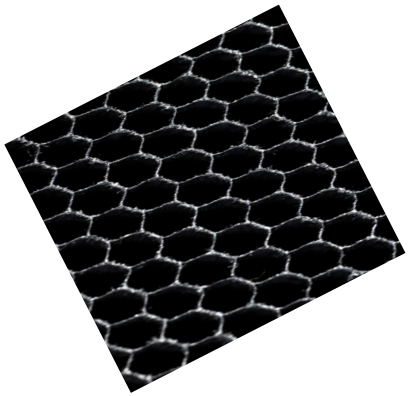
Installation Methods

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*

With respect for the environment

REACH COMPLIANCE

RoHS

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Specifications subject to change without notice. ECAC 04/2024

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