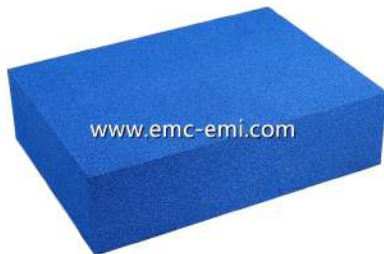


# Flat Absorber

## Description:

1. Model: PE-FL foam flat absorber
2. Color: Blue or black
3. Material: Polyurethane foam, conductive material
4. Working temperature:  $-50^{\circ}\text{C}\sim+80^{\circ}\text{C}$



## Physical Property:

Model name	Size (mm)	Thickness (mm)
PE-FL-20	500*500	20
PE-FL-30	500*500	30
PE-FL-50	500*500	50
PE-FL-80	500*500	80
PE-FL-100	500*500	100

Customized acceptable.

## Characteristics:

1. It can be used in a wide range of frequency, includes most frequency of electronics.
2. Flexible and can be bended, good physical properties.
3. Easy to trim, clip, slice and cut.
4. Working temperature:  $-50^{\circ}\text{C}\sim+80^{\circ}\text{C}$ .
5. Flame retardancy meets NRL8093(1977), Oxygen index:  $\geq 28\%$ .
6. 1-18GHz, the vertical reflectivity  $\leq -10\text{dB}$ .

## Application:

1. It is suitable for both near field and far field.
2. Good properties for reflection attenuation and transmission attenuation.
3. Stick it to the interior of shielding container to solve the problem of cross-talk, to absorb electromagnetic wave reflection, to reduce electromagnetic interference of components.
4. Stick it to the surface of the radiation source components to reduce electromagnetic radiation.
5. Specific usage:
  - 1) Anechoic testing box or small anechoic chamber.
  - 2) At the corner of big anechoic chamber.
  - 3) Shelter from the reflective surface under the test environment.

## Installation:

1. Use the strong liquid glue like Neoprene to stick.
2. The effect will be better for metal substrate.

## Maintenance:

1. Away from light, waterproof and damp proof.
2. Avoid strong mechanical friction.