

Convolutd Microwave Absorber

Characteristic

1. **Material:**

Polyurethane foam

2. **Standard color:**

Blue, customized acceptable

3. **Height:**

20mm~80mm

4. **Working temperature:**

-50°C~80°C

5. **Power:**

1500W/M²

6. **Fire retardancy:**

- NRL report 8093 I, II, and III
- GB 8624-2012 B2 (can customized B1)
- DIN 4102-1 B2
- ISO 11925-2 E
- UL94 HBF

7. **RoHS:**

2011/65/EU;

Amending Directive (EU) 2015/863 Annex II

8. **Reach:**

EC 1907/2006



Feature

Surface cut into convoluted shape, rounded convolutions and lacking sharp corners and points

Application

Convuluted Microwave Absorber are mainly used in millimeter wave test chambers, areas where non-specular/ near field scattering is to be minimized, for camouflaging, interference suppression application and low performance anechoic chamber in non-critical areas.

Installation

- glue bonding
- Velcro installation

Data Sheet

Model	Height (mm)	Weight (kg/m ²)	Vertical incident maximum reflectivity Rw (-dB) at specific frequency (GHz)					
			1.5	3	5	10	15	40
PE-CV-20	20	1.0		8	10	15	20	25
PE-CV-50	50	2.5	8	15	20	25	30	35
PE-CV-80	80	3.6	10	18	25	30	40	45