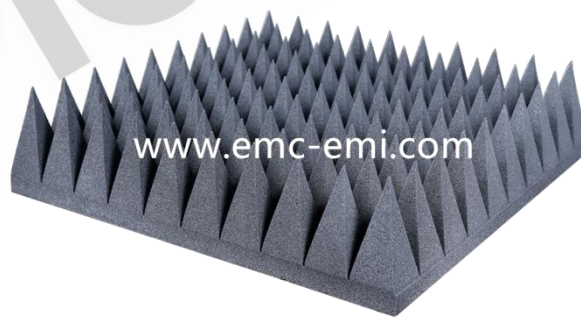
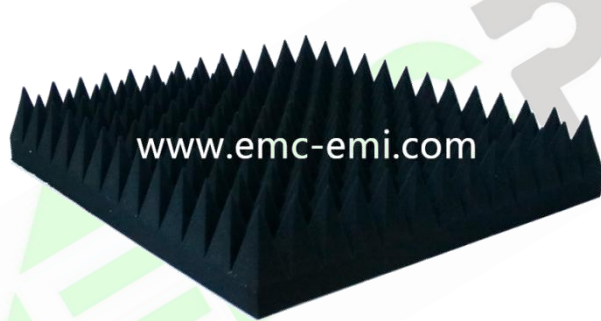


PE-SM Submillimeter wave Foam Absorber

Description:	
Name:	PE-SM, solid foam pyramidal absorber
Standard color:	Black or customized
Material:	polyurethane soft foam, carbon black, fire retardant [®]
Working temperature °C:	-50~+100
Antiflaming:	NRL8093(1977)
Environmental protection:	RoHS



Electrical property:

Part No.	Thickness (mm)	Vertical incident maximum reflectivity Rw(-dB) at specific frequency (GHz)								Size (mm)	Pyramid quantity
		100	75	40	15	10	5	3	1		
PE-SM-100	100	50	50	50	45	40	35	30	15	500*500	13*13

Characteristics:

1. Tetrahedral pyramid, the shape is neat, beautiful and clean, flexible, good physical properties
2. High-quality polyurethane foam body, the absorbing component is carbon black, no dust, no slag
3. Product surface is generally light blue, customized color is acceptable.
4. Meet the US Naval Laboratory Report NRL8093 (1977) three tests:
 - 1) withstand voltage;
 - 2) flame ignition and spread is difficult;
 - 3) smoldering.
5. Good performance above 80GHz

Installation:

1. Be installed to anechoic chamber with adhesive (environmental adhesive).
2. By the mounting accessories (nylon buckles, etc) which is on the pyramid's underside, easy to disassemble.