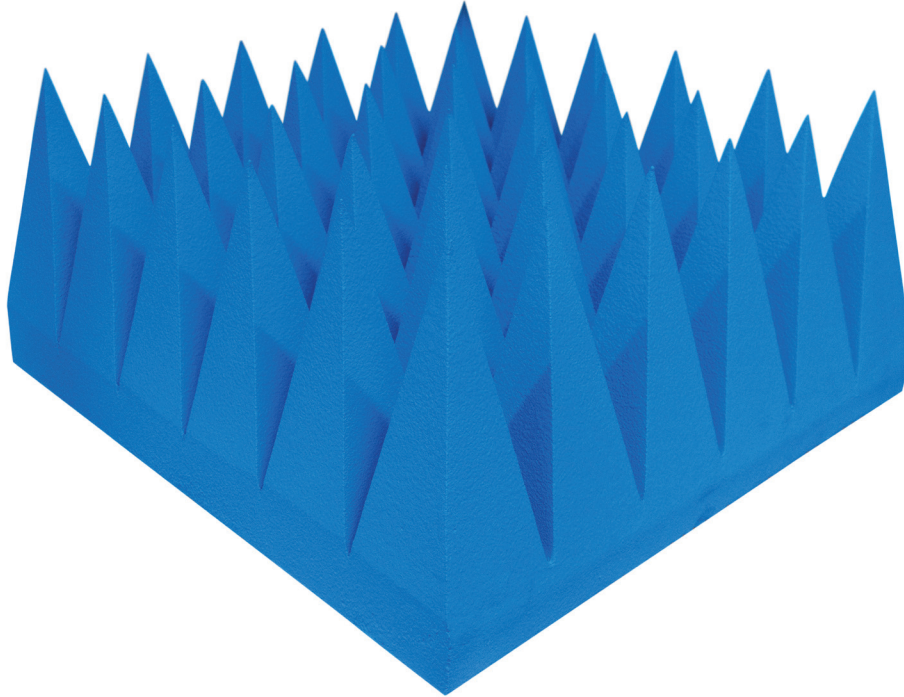


Rubberized Absorbers - PC Series



SOLUTION FOR

- Doorways and Frames
- High Traffic Floor and Wall locations

Main features

- Super-durable
- 10+ Year Lifespan

Product configuration

Shape

- Pyramidal
- Convoluted
- Wedge
- Laminated

Frequency band

- From 125 MHz to 40 GHz

Standard base size

- 2' x 2' (60.96 cm x 60.96 cm)

Height

- Up to 96" (243.8 cm)

Operating conditions

- Temperature: 70°F +/-5° (21°C +/-3°)
- Relative humidity: 55% RH +/-15%

Indoor/outdoor

- Indoor

Treatment

- Rubberized coating

Description

Rubberized absorber uses our new rubberized coating technology to significantly increase absorber lifespan and durability. This type of absorber is recommended for door ways or high-traffic areas. The rubberized coating, which is applied to the absorber top and sides, is abrasion and puncture resistant. The rubberized coating can also be applied to all the sides, including the bottom, as a fully rubberized option.

AEMI's rubberized absorber is also electrically neutral, making it up to 10 dB better than other weatherproof coatings. It can be added to any pyramidal, wedge, laminated or convoluted absorber product. The rubberized coating does not affect the RF performance of the absorbers. The rubberized absorbers can be used as a clean room class 100,000 for the walls and ceilings absorbers (glued absorbers). The fully rubberized absorbers can be used as a clean room class 100,000 for the floor absorbers.

ORDERING CODE

- **AEP-X-PC**, where X designates absorber height in inches, for the rubberized option (all sides rubberized except the bottom)
- **AEP-X-FPC**, where X designates absorber height in inches, for the fully rubberized option (all sides rubberized, including the bottom)

Colors:

- Blue • Dark Grey • Orange • Yellow • Red
- Custom color matching is available upon request.

Specifications

		AEP-4	AEP-6	AEP-8	AEP-12	AEP-18	AEP-24	AEP-26	AEP-36	AEP-48	AEP-60	AEP-72	AEP-96
Geometry	Right/Twisted	R	R	R	R	R	R	R	R/T	R/T	R	T	T
Height	in	4	6	8	12	18	24	26	36	48	60	72	96
	cm	10.2	15.2	20.3	30.5	45.7	61	66	91.4	122	152.4	182.9	243.8
Pyramids/Blocks	per block	144	144	64	36	16	9	9	4	4	1	1	1
Absorption @ Normal Incidence	@ 30 MHz								5	7	8	9	15
	@ 80 MHz							6	12	15	18	20	25
	@ 125 MHz							10	15	28	30	33	35
	@ 250 MHz						30	30	32	35	37	37	40
	@ 500 MHz					30	35	35	37	40	40	43	45
	@ 1.0 GHz			30	35	40	40	40	42	45	47	48	50
	@ 3.0 GHz	30	33	37	40	45	45	50	50	50	50	50	50
	@ 6.0 GHz	35	37	45	45	50	50	50	50	50	50	50	50
	@ 10.0 GHz	40	40	50	50	50	50	50	50	50	50	50	50
	@ 15.0 GHz	45	50	50	50	50	50	50	50	50	50	50	50
@ 18.0 GHz	50	50	50	50	50	50	50	50	50	50	50	50	
@ 40.0 GHz	50	50	50	50	50	50	50	50	50	50	50	50	
Max Power Handling	Watt/in ²	1	1	1	1	1	1	1	1	1	1	1	1
	Watt/m ²	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550	1550
Weight	lbs/pc.	2.5	3	4.5	6	9	13.5	15	18.5	25	30	42	60
	kg/pc.	1.1	1.4	2	2.7	4.1	6.1	6.8	8.4	11.3	13.6	19	27.2



Contact your local sales representative for more information
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