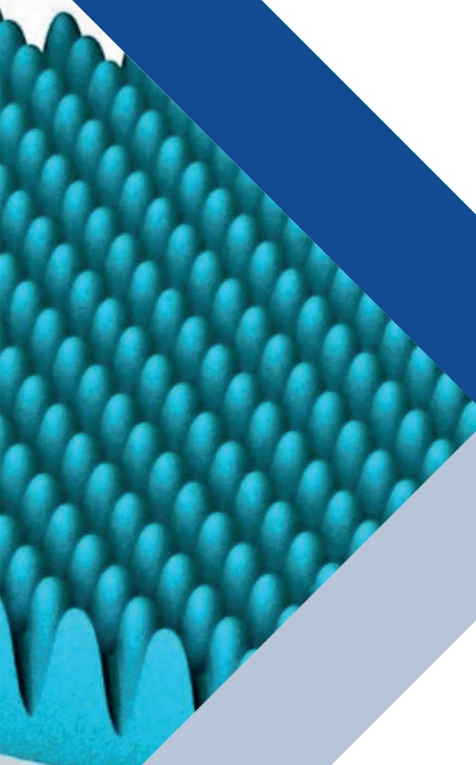


CHENNAI LAB

An ISO 9001:2015 Certified Company

POLYURETHANE CONVOLUTEED
ABSORBERS



➤➤ Premium Quality
Excellent Performance

**FOR MILLIMETER
WAVE TEST CHAMBERS**

High performance Convoluted Polyurethane Absorbers for millimeter wave frequencies and Anechoic chambers for below 80 GHz application.

Chennailabb Polyurethane Convoluted Absorbers are 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.

FEATURES

- Polyurethane foam based broadband Microwave Convoluted Absorber
- Flexible PU material block having the front surface cut to convoluted shape, dipped in absorbing slurry providing desired electrical grading
- Because of the rounded convolutions and lacking sharp corners and points, these absorbers are the preferred absorber for millimeter wave frequencies and for very wide incident angles
- Maximum Service Temperature: 90°
- Light weight, flexible and easy to cut
- Best suited at millimeter wave frequencies.
- Suitable for low cost Anechoic chambers below 80 GHz
- Used for various camouflaging and interference suppression application
- Most suitable for areas where non-specular/near field scattering is to be minimized

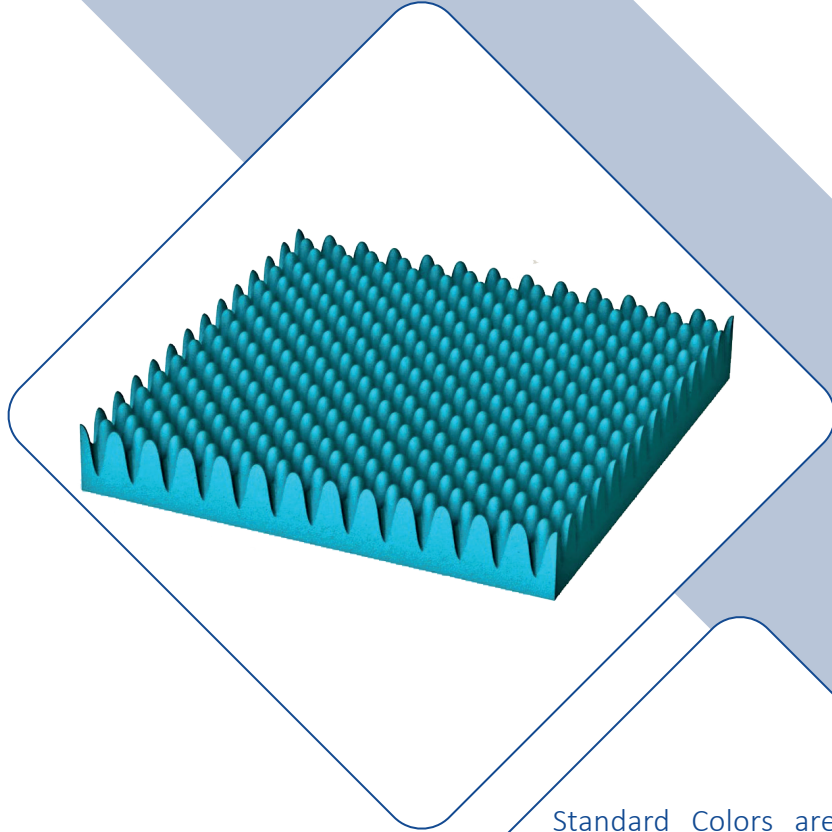
TYPICAL REFLECTIVITY AT NORMAL INCIDENCE OVER FREQUENCY RANGE IN - dB

MODEL NUMBER	8 GHz	10 GHz	30 GHz	50 GHz	80 GHz
C-LABB-PU-CV-50	20	25	25	35	40
C-LABB-PU-CV-100	25	30	30	35	40

PHYSICAL PROPERTIES (in mm)

MODEL NUMBER	Overall Width	Overall Height	Base Thickness	Tip Base Width	Overall Weight in KG
C-LABB-PU-CV-50	600 x 600	50	50	100	1.00
C-LABB-PU-CV-100	600 x 600	100	100	200	1.50

NOTE : Values shown are based on testing of laboratory test product and represent data that falls within normal range purposes. Construction standards and absorber mounting procedure defines accurate results. The given information is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification but we don't warrant the results to be obtained.

PICTURES

Standard Colors are Blue and Unpainted Black. MOQ 300 pcs for other colour options.

CHENNAILABB

No. 19 (Old No.7), Porur Street, East Tambaram,
Chennai- 600 059, India.

+91 97890 53222 / +91 (044) 2239 5939

www.chennailabb.com

sales@chennailabb.com / support@chennailabb.com

chennailab@yahoo.com