

VEC-CAP-A

CLEANROOM ACOUSTIC ABSORPTION PANEL

DESCRIPTION

The **VEC Cleanroom Acoustic Absorption Panel (VEC-CAP-A)** is explicitly designed for use in cleanrooms to reduce excessive noise levels. Cleanrooms have many noise sources, including mechanical equipment, fan filter units, pumps, compressors, etc. The VEC-CAP-A absorbs the noise from these sources, dramatically reducing noise refraction and overall noise levels.

KEY FEATURES

- Unique solution designed to reduce excessive noise in cleanrooms.
- Protects employees from hearing damage and helps meet OSHA compliance.
- Helps noise-sensitive tools & instruments meet acoustic performance requirements.
- Customizable dimensions are available to fit the specific needs of your cleanroom.
- Increases employee comfort and productivity by reducing exposure to disruptive noise.



SPECIFICATIONS

Interior	2", 3# PCF Density Fiberglass Core
Exterior	White Reinforced Mylar Film (washable & stain resistant)
Temperature Range	-40° to +220° F
Wrapping	Heat-sealed ripstop bag, sides, and top. Tight edge on sides and top. No grommets.
Size	24" x 48" (custom sizes available upon request)
Mounting	Direct Mount Cleanroom Adhesive (ChemLink M-1 CR)

PERFORMANCE DATA

1/3 Octave Sound Absorption Coefficients at the Octave Band Frequencies						NRC
125	250	500	1000	2000	4000	
0.25	0.80	1.12	0.96	0.64	0.44	0.90

*Type A Mounting as per ASTM E90-09 (2016), ASTM E413-22, ASTM E1332-2, and ASTM E2235-04 (2020)

APPLICATIONS

- Apply directly to walls surrounding sensitive equipment or testing areas.
- Hung as baffles to reduce noise from overhead fan filter units.
- Lining cleanroom wall returns to reduce return noise from air handlers and wall vibrations.



Learn more about
VEC-CAP-A!



Mitigation for Precision Instruments

1441 Rollins Road
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VEC-CAP-B

CLEANROOM ACOUSTIC BARRIER PANEL

DESCRIPTION

The **VEC Cleanroom Acoustic Barrier Panel (VEC-CAP-B)** is explicitly designed for use in cleanrooms to reduce excessive noise levels. The VEC-CAP-B absorbs noise in the cleanroom with the added benefit of preventing noise transmission through walls. The VEC-CAP-B is ideal for walls between the cleanroom chase and aisles with noise-sensitive tools or on walls adjacent to rooms with large mechanical equipment.

KEY FEATURES

- Reduces noise transmission & reverberation between instruments and mechanical equipment.
- Unique solution designed to reduce excessive noise in cleanrooms.
- Helps noise-sensitive tools & instruments meet acoustic performance requirements.
- Customizable dimensions are available to fit the specific needs of your cleanroom.
- Protects employees' hearing & increases their comfort by reducing disruptive noise, & helps meet OSHA compliance.



SPECIFICATIONS

Interior	Composite layers of 1/2" Melamine foam, 1 lb. MLV 1/8" thick, 1/2" Melamine foam
Exterior	White Reinforced Mylar Film (washable & stain resistant)
Thickness	1 1/8"
Temperature Range	-40° to +220° F
Wrapping	Heat-sealed ripstop bag, sides, and top. Tight edge on sides and top. No grommets for wall mounting or grommets for baffle mounting.
Size	24" x 48" (custom sizes available upon request)
Mounting	Direct Mount Cleanroom Adhesive (ChemLink M-1 CR) & Baffles

PERFORMANCE DATA

1/3 Octave Sound Absorption Coefficients at the Octave Band Frequencies						NRC
125	250	500	1000	2000	4000	
0.12	0.76	0.56	0.86	0.85	0.36	0.75

STC	20
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*Type A Mounting as per ASTM E90-09 (2016), ASTM E413-22, ASTM E1332-2, and ASTM E2235-04 (2020)

APPLICATIONS

- Apply directly to walls surrounding sensitive equipment or testing areas.
- Hung as baffles to reduce noise from overhead fan filter units.
- Lining wall returns reducing return noise from air handlers & wall vibrations.



Learn more about
VEC-CAP-B!



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