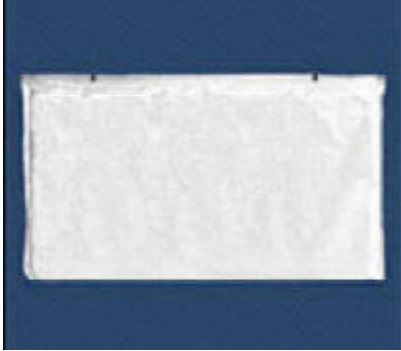


Clean Room Noise Reduction

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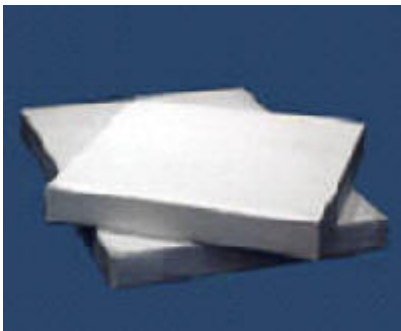
Clean Room noise can be difficult to address because of the required low level of contamination that is specified. This can limit the solutions available and may lead to inaction. Below we have assembled some engineered for noise control products designed to meet the high demands of the FDA and Food Processing Industries.



The Industrial **FDA approved baffles** are the ideal solution to reverberation issues in areas where food is present. The baffles are comprised of a sound absorptive fiberglass core completely encapsulated in a reinforced mylar film. The white facing reflects light, which adds to the illumination in a room. Standard size is 4' x 2' with 2 brass grommets on one four foot side.

Use in food processing plants, hospitals, wineries, and institutional kitchens.

FDA Approved
Washable
Stain resistant
NRC rating up to 12.8 per 4' x 2' baffle
Choice of core densities (1.6 lb or 3.0 lb core)



Industrial Ultra Panels incorporate a fiberglass core with a variety of Industrial facings to create a clean, crisp appearance. Ultra Panels are ideal for use in any harsh environment to reduce noise levels. They can be manufactured in any number of sizes and thickness.

Class A flammability
Available with a virtually rip proof mylar facing



Industrial UN-10 R flexible noise barrier is a 1 lb psf reinforced loaded vinyl barrier used to stop the transmission of noise from one area to another. Typically used as Barrier panels in an acoustical enclosure or as the barrier component in conjunction with the FDA Panels to form a barrier/absorber composite product. Curtain panels are typically constructed with grommets across the top and vertical edges to suspend and form closures. Standard rolls measure 54" wide x 30' long or 54" wide x 60' long.

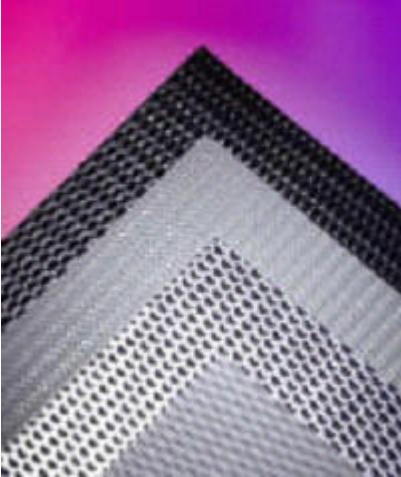


FDA Approved
Ideal for noise containment applications
Use as a barrier panel in acoustical enclosures
Use as an acoustical jacket or wrap
Available in gray, tan, or blue

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Industrial clear vinyl noise barriers are transparent vinyl barriers that offer significant noise reduction while allowing for visibility and easy access. Standard available weights include 1/2 lb psf, 3/4 lb psf, and 1 lb psf. Clear vinyl noise barriers are available in standard rolls measuring 4' wide x 60' long or strips.



In **Metal Panel Sound Absorbers** the metal panel is micro cracked to create the ideal airflow resistance to optimally absorb the sound impinging on it. The low frequency absorption can be enhanced by increasing the air space behind it.

Millennium Metal is aluminum as standard and is also available in steel and can be manufactured using pre-painted metal in the required finish color.

Millennium Metal offers superior acoustical performance both for sound absorption and sound transmission loss with a low installed cost. Using honeycomb core in panel construction creates a superior lightweight rigid acoustical panel which can be used to make unframed acoustical enclosures with excellent absorption and sound transmission properties

The highest levels of noise control can be achieved using acoustical absorbers for reverberated noise and a sound barrier with a sound absorber for sound enclosures and walls to contain noise. Using the above products alone or in combination will greatly reduce plant noise levels.

Please contact Unger Technologies to learn more a how these products can work for you.

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