



Pictured above is American Acoustical Products / Ward Process' corporate offices and main 100,000 sq. ft. manufacturing facility located in the Hopping Brook Industrial Park in Holliston, Massachusetts. Our second manufacturing facility, also located in Holliston, is pictured below. Our capabilities include vinyl cast and extrusion lines for manufacturing barrier, composites and

damping materials, and a complete range of die cutting, laminating, embossing, sewing and assembly lines.

Contact us with your acoustic and thermal requirements. We will apply over 45 years of expertise to provide efficient, complete noise and vibration solutions for your product development and production needs. We are "Your Silent Partner".



**American
Acoustical
Products**
a division of Ward Process, Inc.

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ISO 9001:2008
Registered

Sound Absorption • Sound Barrier • Thermal Insulation • Vibration Damping



NOISE CONTROL

- Materials and Acoustic Engineered Solutions Using**
- **Sound Absorption**
 - **Sound Barriers**
 - **Thermal Insulation**
 - **Vibration Damping**

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Products for noise reduction, vibration damping and thermal insulation.

Industries served include transportation, military, medical, marine, heating and ventilation, off-highway, generators, compressors, white goods, and machine enclosures.



MARKETS

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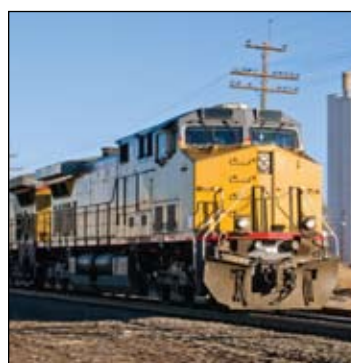
Wherever there is a need to reduce or control noise or vibration, American Acoustical Products can offer a solution. Our sound barrier composites and vibration damping materials offer superior performance at reduced weight and cost compared to traditional noise control methods. Our materials improve comfort and safety as they increase quality and value in many diverse product applications.



- Military
- Gen-Sets
- Compressors
- Marine
- HVAC
- RV
- Bus
- Medical Equipment
- Train
- Truck
- Pipe Wrap
- White Goods
- Off Highway
- Machine Enclosures



Millennium Metal Noise Absorber / Barrier



ACOUSTICAL PRODUCTS

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Sound Barrier Materials

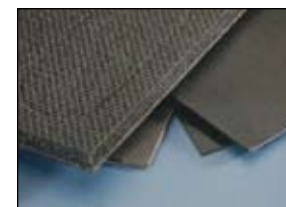
Whispermat®

Whispermat® materials are a range of noise control barriers specifically designed to achieve maximum attenuation over broad frequency ranges. Whispermat® combines dense, limp, flexible non-lead loaded barriers with Hushcloth® foams to provide a total noise control system. UL-94 V0 and Class "A" rated barrier formulations are available.

Vibration Damping Products

Whisperdamp & Noiseless Metal

A wide range of vibration damping products are acoustically optimized to reduce the resonant vibrations and enhance the sound transmission loss of the original structures. Damping can be added to the structure with self-adhesive pads and tiles, or incorporated into the product with constrained layer damping materials. Products are offered for a variety of structures, including metals and fiberglass, plus configurations to meet flammability requirements.



Thermal Insulation Materials

Insulwrap

Insulwrap products are designed to meet varied thermal insulation requirements and flammability needs with optimized weight, cost and flexibility. We manufacture many different thermal lagging products, including laminates of fiberglass and vinyl barrier material suitable for thermal and acoustically insulating pipework and ducting.

History

Ward Process Inc. was founded in 1963 in Natick, Massachusetts as a fabricator of thermal insulation materials. American Acoustical Products was formed in 1972 as a wholly owned division of Ward Process to develop a growing range of acoustical materials.

Today our capabilities have expanded to include vinyl casting and extrusion lines for manufacturing barrier, composites and damping materials. Die cutting, laminating, embossing, sewing and assembly lines create a complete range of acoustical solutions.



Sound Absorbing Materials

Hushcloth®

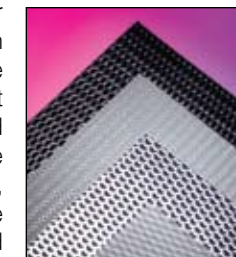
Hushcloth® Acoustical Foams are designed to provide maximum absorption of airborne sound with minimum thickness and weight. These flexible open cell products are manufactured to optimize pore size, air flow resistance, and density. They are offered with a variety of surface treatments, including cleanable, decorative and durable finishes for a wide variety of applications.

Spaced Absorbers

Spaced Absorbers combine absorption and sound barrier properties in a series of unique products that are self supporting in their application. They utilize porosity, and the cavity created behind the materials for tuning the absorption and barrier functionality.

Millennium Metal (Patented)

Millennium Metal takes the spaced absorber principle further; the all-metal panels are precision micro-slit creating the ideal acoustic impedance for absorbing broad spectrum noise without any fibers. Cavity depth is varied for optimized performance. Applications include: absorptive lining for engine and compressor compartments, vehicles, boats, construction equipment, noise barrier walls, machine enclosures, gen-sets, food prep areas and plant rooms.



R&D Facilities

Acoustical design services help the OEM arrive at an optimized solution. Our R&D Laboratory and Reverberation Test Chamber have unique design features that allow components and material samples to be tested for absorption, damping and transmission loss properties.



Reverberation Test Chamber