

ROUSH®

NOISE AND VIBRATION CONTROL PRODUCTS

Roush manufactures many types of advanced engineered materials and finished products for noise, vibration and harshness (NVH) control applications. Products include damped laminates, pressure sensitive adhesives, damped foams, and rubber materials, as well as NVH countermeasures such as surface damping treatments, tuned mass dampers and isolators.

www.roush.com

We're focused, we're efficient, and we're at our best when we're challenged to think outside the box — critical traits when our customers' success depends on how quickly we can take their visions from the sketchpad to the marketplace.

For more information, please [click here](#).

VIBRATION REDUCTION PRODUCTS

- Isolation Systems
- Vibration Absorbers
- Damping Systems
 - Free Layer
 - Constrained Layer
 - Laminated Metal
 - Tuned Vibration Dampers



NOISE REDUCTION PRODUCTS:

- Acoustic Treatments
- Barrier Materials
- Absorption Materials

Roush offers low-cost manufactured products that are supported by our engineering problem solving approach and vast manufacturing experience. These solutions are backed by Roush's research into the properties of viscoelastic and porous-elastic materials employed in NVH control.

With over 30 years of direct problem solving experience for virtually every industry, Roush is confident that we can solve your noise and vibration challenge.

INDUSTRIES SERVED:

- Automotive
- Aerospace/Aircraft
- Computer/Electronics
- Industrial Machinery
- Consumer Appliances
- Sports Equipment
- Theme Park Rides

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WORLDWIDE MANUFACTURING CAPABILITIES

Our engineering staff utilizes the most current analysis techniques. Roush also has available the extensive resources of our viscoelastic materials laboratory, which contains a database of information on over 3,000 vibration reducing materials. These tools allow our engineers to optimize insulator and tuned damper performance as needed for brake system noise countermeasure design.

Adhesive/Foam

- Die Cutting
- Slitting
- Laminating
- Coating

Rubber

- Transfer, Compression, Injection Molding
- Rubber-to-Metal Bonding
- Custom Mixing/Formulating

Metals

- Laminating
- Castings
- Stamping/Forming
- CNC Machining
- Laser Cutting
- Welding/Fastening

Plastics/Composites

- Vacuum Forming
- Blow Molding
- Injection Molding
- Extrusion
- Laminating
- Autoclave

Rapid Prototyping

- SLA, SLS, FDM, 3D Printing
- Quick Turnaround Samples

Assembly

- Manual
- Automated
- Painting/Coating
- Clean Room

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