



We have one goal — improving the noise and vibration quality of our customers' products. Roush delivers innovative, effective noise and vibration control solutions. By combining advanced analysis capabilities, comprehensive engineering services, and state-of-the-art facilities, Roush has become a proven partner in identifying and resolving challenging noise and vibration issues. Backed by the diverse capabilities of the Roush family of companies, we are uniquely equipped to provide turnkey noise and vibration solutions.

Roush... your silent partner in developing smoother, quieter products.

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.

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 problem solving capabilities 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, comes a confidence that we can solve your noise and vibration challenge.

Low-volume and high-volume manufacturing and assembly operations are located in North America and Asia.

Industries Served

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



Roush. Your Silent Partner.



NOISE AND
VIBRATION
CONTROL
PRODUCTS

Worldwide Manufacturing Capabilities

Adhesive/Foam

- Die Cutting
- Laminating
- Slitting
- Coating

Rubber

- Transfer, Compression, Injection Molding
- Rubber-to-Metal Bonding
- Custom mixing/formulating

Metals

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

Plastics/Composites

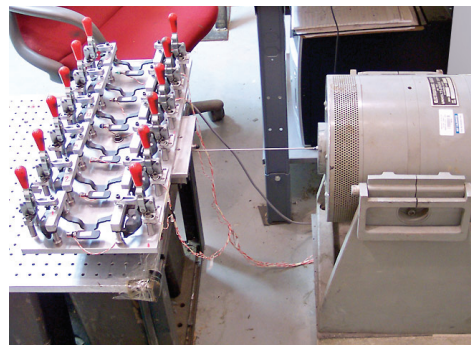
- Vacuum Forming
- Injection Molding
- Laminating
- Blow Molding
- Extrusion
- Autoclave

Rapid Prototyping

- SLA, SLS, FDM
- Quick Turnaround Samples

Assembly

- Manual
- Automated
- Painting/Coating
- Clean Room



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Product Performance and Suitability:

All information regarding the use of Roush products identified in this datasheet is believed to be reliable by Roush, but are not product specifications and must only be used as a guide. Roush does not represent or warrant that its products are fit for a particular purpose or that they do not infringe any U.S. or foreign patents. Purchaser must independently determine the suitability of the Roush products for their particular application. Unless written otherwise in Roush's Terms and Conditions of Sale for the product, this datasheet or any verbal statements made by any other distributor, salesman or representative about the product will not be deemed to create an express warranty of any kind.