



Sorbothane Inc.

INNOVATING
SHOCK & VIBRATION
SOLUTIONS

MADE IN USA

QUALITY COMMITMENT



CORE VALUES

FAMILY

Relationships built on mutual respect and teamwork

CUSTOMER PARTNERS

Listen first - then collaborate to engineer the best solution

QUALITY

Excellence - delivered across all platforms

INTEGRITY

Adherence to a code of moral values and methods

SERVICE

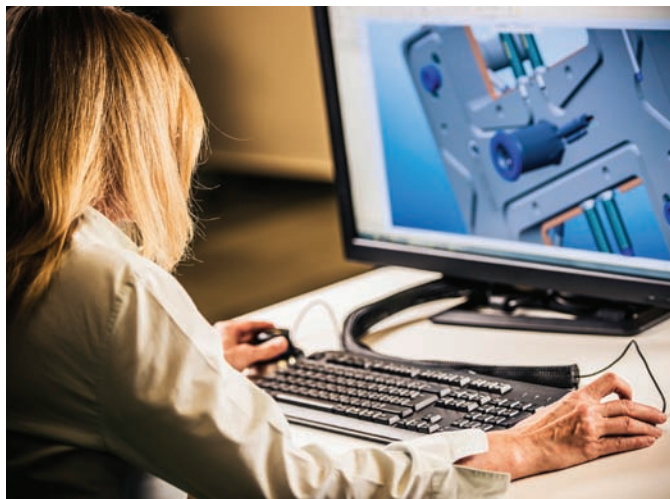
Striving to meet and exceed all expectations

Innovating Shock & Vibration Solutions

For over 30 years **Sorbothane, Inc.** has been - and will continue to be - the innovative and trusted choice of engineers worldwide for developing materials and components that isolate vibration, attenuate shock and damp unwanted noise.

Since its beginning, **Sorbothane, Inc.** has been committed to producing superior American made products - that protect and improve the quality and enjoyment of life.

Sorbothane, Inc. is located in Kent, Ohio right in the middle of the polymer capital of America. With 64,000 square feet of manufacturing space - and a series of specialized custom built pouring machines - the Sorbothane team stands ready to meet any requirement. **Sorbothane, Inc.** has engineering design staff and production teams that specialize in providing shock and vibration solutions that meet and exceed expectations. In-house testing, a quality assurance lab and efficient distribution place an emphasis on accuracy, quality and customer satisfaction.



MARKETS SERVED:

Sorbothane, Inc. serves widely varied market segments that all share the fundamental objective of -

**Protecting Product
Performance and Enhancing
the Customer Experience.**

TRANSPORTATION SHIPPING & LOGISTICS

Sorbothane®
SAFEGUARDS
PRECIOUS
CARGO



PRECISION LABORATORY EQUIPMENT

Sorbothane®
ISOLATES
VIBRATION

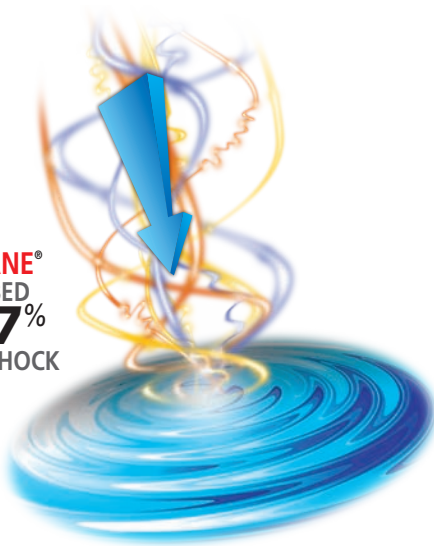


UNIQUE MATERIAL

Sorbothane® is a proprietary visco-elastic material that has been specified by engineers worldwide for over three decades. Sorbothane® is a highly damped polymeric solid that "flows" like a liquid under load. Its superior damping and isolation properties have been scientifically and real-world proven. In many applications and laboratory tests Sorbothane® has achieved shock absorption levels of up to 94.7%. And Sorbothane® stays stable over a broad temperature range, enabling it to isolate damaging vibration and attenuate impact shock in many varied conditions. Its near faultless memory ensures a return to original shape, even after repeated compressions. Sorbothane® is ideal for engineering design applications requiring shock absorption, vibration isolation and acoustic damping. Produced in a durometer range from 25 to 85 - Shore 00 scale – Sorbothane® is considered a super soft polyurethane.

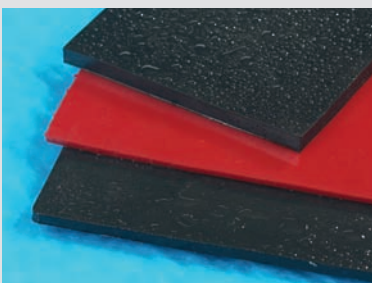
Sorbothane®

SORBOTHANE®
HAS ABSORBED
UP TO **94.7%**
OF IMPACT SHOCK



- > Sorbothane® has a low creep rate compared to other polymers
- > Sorbothane® has a superior damping coefficient, over a very wide temperature range compared to any other polymers
- > Unlike fluid-based shock absorbers or foam products, Sorbothane® absorbs shock efficiently for millions of cycles
- > Sorbothane® eliminates the need for metal springs to return the system to its equilibrium position after absorbing a shock

Complete technical information on Sorbothane® is available at sorbothane.com or by contacting Sorbothane, Inc. directly.



WATER-RESISTANT SORBOTHANE®

A Superior Wet Environment Isolator

- > Water-resistant material - Not a coating or cover
- > Relatively unaffected by water - Negligible or no swell
- > For use in any wet environment - Minimal weight gain
- > Maintains the superior shock attenuation & vibration isolation of Sorbothane®
- > Complete test results available - contact Sorbothane, Inc. for recommended usage

CUSTOM SOLUTIONS

Unique applications call for very innovative solutions. The **Sorbothane, Inc.** engineering team will help design the custom Sorbothane® component perfect for your individual product specifications.

Since 1982, **Sorbothane, Inc.** has engineered individualized shock and vibration solutions for numerous and diverse markets. Sorbothane® components protect mobile electronic devices from drop shock damage. Precision lab equipment is isolated from unwanted vibration by Sorbothane®. Consumer and commercial products benefit from Sorbothane's ability to damp out damaging and annoying vibration and shock. Manufacturing equipment "floats" on Sorbothane® mounts to last longer and run more efficiently. Custom engineered Sorbothane® parts protect delicate aerospace and aeronautical assemblies from the demands of space and air travel.

- > Rapid Prototyping
- > Design Support
- > Made In USA
- > Custom & Standard Solutions
- > Low & High Volume Production
- > Just In Time Delivery

Our goal is to protect the performance and integrity of your product.



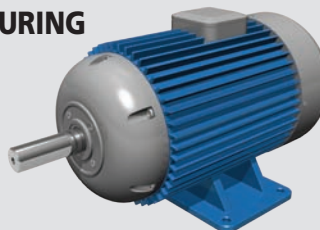
MOBILE ELECTRONIC DEVICES

Sorbothane®
ATTENUATES
IMPACT
SHOCK



INDUSTRIAL & MANUFACTURING EQUIPMENT

Sorbothane®
EXTENDS
EQUIPMENT
LIFE



AEROSPACE & AERONAUTICAL

Sorbothane®
PROTECTS
CRITICAL
COMPONENTS



STANDARD PRODUCTS

Sorbothane, Inc. offers an extensive line of standard Sorbothane® parts. These standard products have been developed over 30 years and are selected for their specific shock absorbing and vibration isolating applications. Sorbothane® bushings and washers can be combined to create a floating bolt. Shock attenuating hemispheres provide a quick, cost effective method for isolating lab and audio equipment. Stud mounts and bumpers are designed for use in compression settings. Anti-vibration Sorbothane® leveling mounts handle varying environmental conditions. Sorbothane® sheet stock is available in a variety of styles, thicknesses and durometers. Standard sheet stock of any thickness can be custom die cut or water jet cut.

» The Sorbothane® Standard Products Guide is available at sorbothane.com or by contacting Sorbothane, Inc. directly.

If an appropriate Sorbothane damper or isolator cannot be found among the standard parts, the **Sorbothane, Inc.** engineering team will assist in developing a custom isolator designed to fit your individual application.



CONSUMER & COMMERCIAL PRODUCTS

Sorbothane®
DAMPS
UNWANTED
NOISE



MEDICAL EQUIPMENT

Sorbothane®
GUARDS
PERFORMANCE



SPORTING GOODS & FITNESS

Sorbothane®
PROTECTS &
COMFORTS



SORBOTHANE®

DISTRIBUTORS

Sorbothane® distributors stock many of the most popular standard products but not all of them. Please check with the distributor listed for the products they carry and availability.

McMaster-Carr Supply Company

Most, but not all, Sorbothane, Inc. standard products

Chicago Office

Sales: 630.833.0300
Fax: 630.834.9427
Other: 630.600.3600
600 County Line Rd.
Elmhurst, IL 60126-2081

Atlanta Office

Sales: 404.346.7000
Fax: 404.349.9091
Other: 404.260.8080
6100 Fulton Industrial Blvd. SW
Atlanta, GA 30336-2852

Cleveland Office

Sales: 330.995.5500
Fax: 330.995.9600
Other: 330.342.3330
200 Aurora Industrial Pkwy.
Aurora, OH 44202

Los Angeles Office

Sales: 562.692.5911
Fax: 562.695.2323
Other: 562.641.2800
9630 Norwalk Blvd.
Santa Fe Springs, CA 90670-2932

New York City - Philadelphia Office

Sales: 609.689.3000
Fax: 609.259.3575
Other: 609.259.8900
200 New Canton Way
Princeton, NJ 08543-5370

www.mcmaster.com

Advanced Anti-vibration Components

Industrial Stud Mounts

2101 Jericho Turnpike
New Hyde Park, NY 11040
Phone: 516.328.3662
Fax: 516.328.3365
www.vibrationmounts.com

W.M. Berg Company

Many Sorbothane, Inc. standard products

499 Ocean Avenue
East Rockaway, NY 11518
Phone: 800.232.2374 or 516.596.1700
Fax: 800.455.2374 or 516.599.3277
www.wmberg.com

Edmund Scientific

Shock attenuating Sorbothane® sheet stock

60 Pearce Ave.
Tonawanda, NY 14150
Phone: 800.728.6999
www.scientificsonline.com

Thorlabs

Vibration isolating feet and sheets for photonics applications

56 Sparta Ave.
Newton, NJ 07860
Phone: 973.579.7227
www.thorlabs.com

Isolate It!

Most, but not all, Sorbothane, Inc. standard products

2966 S. Church St., Suite 101
Burlington, NC 27215
Phone: 800.399.7316
Fax: 800.388.7316
www.isolateit.com

MPTRONIX

Most, but not all, Sorbothane, Inc. standard products

2700 Braselton Highway, Suite 10280
Dacula, GA 30019
Phone: 706.654.1200
Fax: 706.654.1300
www.mptronix.com

JLM Acoustics, LLC.

Sorbothane sound damping and isolation products

13900 Reflections Drive
Suite 422
Baldwin, MO 63021
Phone: 888.814.9916
www.jlmacoustics.com

INSOLE DISTRIBUTORS

RX Sorbo Performance Insoles

Podiatry insoles and Internet source for performance insoles

Phone: 877.797.6726
www.rxsorbo.com

Impacto Protective Devices, Inc.

Industrial ergonomic equipment:
Sorbothane insoles, seat cushions, anti-vibration gloves, elbow and kneepads

40 Dussek St., PO Box 524
Belleville, ON, K8N 5B2
Phone N. America: 888.232.0031
UK Toll Free: 0800 0280 243
Fax: 613.966.0067
www.impacto.ca

IEM Orthopaedic Systems, Inc.

Medical supplier of Sorbothane insoles

7108 State Route 14
Ravenna, OH 44266
Phone: 800.992.6594
Fax: 330.297.6568
www.iemortho.com



2144 State Route 59, Kent, OH 44240 USA

Toll Free: 800.838.3906 USA Only | Phone: 330.678.9444 | Fax: 330.678.1303 | sales@sorbothane.com | sorbothane.com