Values and Visions
Getzner Werkstoffe GmbH is an expert when it comes to isolating against vibrations. Our long-standing success is based on the excellent work carried out by our highly qualified, motivated employees.

Getzner promotes and practices values such as quality, partnership and an innovative, pioneering spirit. These are all values which are put into practice everyday, in our internal work and in our relationships with our customers and partners around the world. Getzner’s engineers are constantly pushing the limits when it comes to elastic solutions, setting new standards in the field around the world. Getzner Werkstoffe is proud of its culture of innovation and the safety, durability and comfort offered by its products and solutions.

“Good vibrations” are important to us in two different ways: On the one hand, thanks to our advanced technology, we are the global market leader in the field of vibration isolation, and on the other, we work hard to make sure that good vibrations are also at the root of what we do - for our customers, our partners and our staff, as well as for the broader public. Vibration isolation in industrial applications plays a key role in environmental protection: Day in, day out, we are working to implement state-of-the-art solutions that enhance and protect the quality of life and improve working conditions. Our philosophy is reflected in our conscious use of resources, in sustainable business models and in our certified environmental management system. References from projects the world over underline the success of the products and services provided by Getzner Werkstoffe.

We specialize in good vibrations.
Products to Meet your Toughest Needs

Getzner’s vibration isolation and mitigation materials are used in a vast number of products and components to ensure better function and more comfort, including elastic covering and coatings, buffers and individually developed components which improve the quality and effective lifecycle of complex industrial units.

Elasticity for any dimension

**Sylodyn® – excellent deflection properties**
- Ultraflexible PUR structure
- Low residual deformation, excellent recovery properties
- High ratio of closed cells
- Minimal absorption of water

**Sylomer® – a combination of insulation and dampening**
- Versatile, elastic PUR material
- Porous, mixed-cell structure
- Excellent durability

**Sylomer® HD – top-notch shock absorption**
- Visco-elastic PUR structure
- Porous, mixed-cell structure
- Excellent internal dampening and absorption of shock-like loads

**Special products**
- Outstanding performance in very low ambient temperatures
- Extreme resistance to wear
- With special sliding layers

All of our materials are continuously tested for efficiency and suitability by renowned institutes and in our own laboratory facilities.
Solutions featuring flexible polyurethane materials produced by Getzner are used in many different kinds of industries. Vibrations have an impact on the lifespan of and material wear on products and also affect the quality of life and working conditions for many people. High-tech elastomers are used with great success around the world to effectively isolate and dampen vibrations.

Getzner offers customized solutions in the following fields of industry:

- Electrical engineering and equipment construction
- Transport and lifting industry
- Vehicle construction (rail vehicles, yachts and buses)
- Automotive engineering
- Construction industry
- Optics industry
- Medical technology (orthopedics)
- Machine engineering
- White goods industry
Getzner is much more than just a manufacturer of top-of-the-line vibration isolation products. We put our vast wealth of technical expertise from 40 years of development and projects at the disposal of our customers in the form of specialized services. This advanced approach results in cost-effective systems and solutions using elastic materials which ensure comfort and durability.

The intensive cooperation between project managers and Getzner engineers results in the creation of unique new products. Our specialists are important partners in these developments, contributing their know-how and expertise. Key competencies such as numerical modeling, material testing, cost-efficiency analysis and accompanying consulting have made Getzner a respected specialist and developer around the world.

Our fields of service:

Consulting and solution development
- Design and calculation
- Project management
- Installation consulting and technical acceptance
- Material selection and prototype manufacturing
- Cost-efficiency analysis
- Documentation

Construction and design
- 2D/3D CAD
- Modeling and simulation
- Finite elements

Testing
- Vibration, mechanical and acoustic measurements
- Material testing and measurements with in-house testing stand
- Efficiency verification
Working in close cooperation with various project developers, a wide range of specialized components and system modules have been developed. And with each new development, Getzner’s experience in the field of vibration technology grows.

We offer comprehensive engineering services for all projects. As a competent partner, Getzner is greatly appreciated by customers thanks to its decades of experience in the field of vibration technology. Our large team of technicians, experienced project managers and specialized testing facilities, all of which are in touch with the state-of-the-art in the field, provide a background of unparalleled consulting services.

Production and manufacturing
- Cut-to-order
- Stamped components
- Formed components
- Water jet cutting
- Installation work
- Individual and mass production

Quality control and environmental management
- ISO 9001
- ISO 14001
- EMAS
Some examples of present applications:

- **Dampening material** for bicycle seats
- **Buffer rings** in power brake systems (automotive industry)
- **Elastic coatings** for conveyor rollers and other types of rollers
- **Vibration isolation** for grips on drilling equipment
- **Elastically mounted foundations** to reduce structure-borne noise
- **Clamping and fixing components** for shirt ironing machines
- **Deflection/dampening components** for rapid mitigation of vibrations
- **Stair mounting systems** for reducing footstep noise
- **Decoupling** of high-use, dynamic metal components (automotive industry)
- **Protective padding** for orthopedic underwear to protect against injury
- **Drive belts** for the transport of fragile goods
- **Mounting systems** for equipment, machinery and motors

*Getzner’s international success in vibration isolation for industrial applications rests on the following three pillars:*

- Top-quality polyurethane materials
- Comprehensive know-how
- Customer-specific services

Thanks to these three strengths, the solutions we provide add up to more than the sum of the individual parts.
Getzner’s brand-name products Sylomer® and Sylodyn® exhibit strong deflection and dampening properties and also have excellent recovery characteristics. They are particularly durable and long-lasting, featuring a wide variety of different forms and application possibilities.

Shock-absorbing components and buffers by Getzner are used, for example, as stabilizers in high resolution OP microscopes. Vibrations caused by touching the equipment can lead to deterioration of the picture quality and thus hamper proper functioning of the microscope.

The shock-absorbing disks by Getzner are made of polyurethane and help to ensure that undesired vibrations are quickly neutralized. The use of Sylomer® in the cross arm stand helps the medical personnel in their work: Eye fatigue among users occurs less quickly and it is easier to focus, helping to improve concentration.
Polishing pads

Sylomer® pads made by Getzner are also used in the optics industry for polishing plastic eyeglass lenses in the final stages of production. They allow for quick, efficient processing of the highly sensitive plastics that are used.

The main advantage of the polishing pads is that Getzner offers a wide range of different geometries. Thanks to lower material requirements, significant cost savings can be achieved.

Elastic decoupling of high-use, dynamic metal components

Decoupling of vibrations is a major issue in mechanical engineering and aviation: Thanks to the elastic decoupling of high-use, dynamic metal components, designers can achieve a significant reduction of structure-borne noise. For example, the driver’s cabins in tractors are mounted on dampening elements made out of Sylodyn®. But concerns such as comfort, reducing wear and tear and longer lifespans are important outside of the automotive industry as well.

Clamping and fixing components

Clamping and fixing components by Getzner are used, for example, in automatic shirt ironing machines to hold textiles in place. In general, they are also used in the transport and lifting industry, as well as in various applications in white goods. The elastic clamping makes it easier to professionally dry and iron textiles. Some advantages of elastic Sylomer® pads are that they can be released without any residues and do not leave any pressure marks on the apparel. The properties of the fixing components remain unchanged over the long term. Sylomer® is excellent in this regard thanks to its excellent compression set, its good wear characteristics and high friction coefficients.
Footstep noise which is transmitted to adjacent rooms can be annoying. To help solve this problem, mounting systems can be designed using strip and discrete bearings or formed components. Thanks to special PUR structures it is possible to meet customer-defined parameters. Elastic stair mounting systems are used for lightweight staircases and for wood or steel frame constructions. The elastic decoupling that is achieved can significantly improve the living quality and atmosphere.

Getzner materials are also used as side protectors in orthopedic underwear. In this kind of medical application, the protectors made out of Sylomer® serve to protect the hip bone and help prevent fractures of the femoral neck and other injuries. The protectors made by Getzner also feature good skin tolerance and are easy to clean.

One special technology that Getzner offers is the possibility to combine various materials. If necessary, high-tech polyurethane can be combined with other materials to create complete systems. For example, Getzner is in the position to manufacture specialized drive belts for the transport of sensitive or fragile goods for mass production applications.

These products are manufactured as formed components without any seams, as they are not glued. The materials are applied directly to the transport belts. This approach results in very long component lifespans, even under moist or humid conditions, underlining the excellent quality of this solution.
Elastic mounting systems by Getzner for equipment, machinery or motors help to reduce emissions such as noise and structure-borne noise to a minimum. Mounting can be full-surface, or use discrete or strip bearing, depending on the requirements, and can lead to excellent results. Getzner solutions are used, for instance, for heating and AC equipment and with weaving machines, motors and generators, just to name some examples. In addition to improved working conditions, elastic decoupling can also bring advantages by extending the operational periods between maintenance.

Elastically mounted floors help to reduce structure-borne noise to a minimum and even out tolerances. These kinds of solutions are used in yacht construction, for buses and rail vehicles, in recording studios and in space modules. Floors mounted on Sylomer® are also laterally isolated with regard to the adjoining walls. It is also possible to design completely isolated, “room-within-a-room” solutions. This approach allows for a reduction of noise emissions into the cabin, and various loads can be handled. Mounting can be full-surface, or use discrete or strip bearing, depending on the requirements, and can lead to excellent results. Getzner’s range of products for these types of solutions are self-adhering on one side and feature long lifespans. They are available in a variety of dimensions.
Solutions developed by Getzner are used the world over, along with the services provided by Getzner’s experts. Thanks to our five locations, we are able to serve all of the world’s major regions quickly and effectively. And through our strong network of distribution partners, we are essentially present on all of the world’s important markets.

Branches in:
- Bürs, Austria
- Berlin, Germany
- Grünwald near Munich, Germany
- Amman, Jordan
- Tokyo, Japan

Sales partners in:
- Argentina
- Australia
- Austria
- Belgium
- Brazil
- China
- Czech Republic
- Denmark
- Egypt
- Finland
- France
- Germany
- Great Britain
- Greece
- Hungary
- India
- Iraq
- Italy
- Japan
- Jordan
- Lebanon
- Netherlands
- Norway
- Palestine
- Portugal
- Romania
- Saudi Arabia
- Singapore
- Slovenia
- Spain
- South Korea
- Sweden
- Switzerland
- Syria
- Taiwan
- Turkey
- USA

Drive belts
The projects that Getzner has carried out speak for themselves. Here's a partial list of our partners: