WE MAKE THE WORLD A QUIETER PLACE

We are your specialist provider of sound insulation and attenuation solutions for industrial and technical applications.
About us

- **Founded**: 1963
- **Management**: Holger Stehling, Jörg Roellinghoff
- **Employees**: currently 160 in Biberach & Ochsenhausen
- **Equity**: 91% of total capital (01.01.18)
- **Locations**:
  - Biberach / Ochsenhausen, Germany
  - Eskişehir, Turkey
  - Tabór, Czech Republic
  - Lianyungang, China
- **Sales offices**:
  - Wrocław (Breslau), Poland
  - Nantes, France
Our strength

- Customer-oriented product development
- Extensive expertise of our acoustics specialists combined with detailed knowledge of the requirements that our materials will have to meet in end customer applications (e.g. fire safety)
- Long standing know-how regarding lamination technologies (flame lamination, flatbed lamination, thermoforming machine etc.)
- 2D- and 3D-CNC-controlled water-jet cutting and contour cutting equipment for fast first samples and dimensional accurate pre-cut parts
- Tailored assembling of sets and labeling of parts according to customer requirements
- Own reverberation room and a lab for materials testing
- Short delivery times
Acoustic measurements at the customer’s facility

In our reverberation room, we can do acoustic measurements on sound absorbers, complete 3D parts, noise-absorber panels for ceilings and walls, partition walls and much more. What is more, our acoustic experts will come to your company or another facility of your choice to perform complex measurements right on site – supporting the integration of suitable noise control measures from the start, helping you to avoid subsequent rework for noise regulation compliance.

- On-site acoustic measurements
- Detailed measurement protocol and analysis
- Presentation of the results including optimization measures
Business areas

- NOISE CONTROL
- LAMINATION
- MOLDED NON-WOVENS
- GASKETS
- ADHESIVE TAPES
- PIPE INSULATION
- VIBRATION DAMPING
- ONLINE SHOP
Noise control – We make the world a quieter place

Noise has strong negative effects on health and wellbeing, one of the main reasons for the generally increasing sensitivity to noise. Therefore noise control is an effective and indispensable contribution to improving the quality of life and protecting people and the environment. As specialist for noise-control solutions, Cellofoam is fully equipped to meet the varied requirements of our customers’ wide product range – from individual parts up to small and medium lot sizes.

- 2017: 2,000 customers from 30 industry sectors plus 1,500 private and small-volume customers, total of 14,000 article numbers, of which 11,000 stand for customer-specific parts
- Order-based production
- Delivery within < 10 days
Be it excavators, cranes, tractors, road rollers or combine harvesters, in the ideal case we are involved in vehicle development right from the design stage, developing effective measures for sustainable noise reduction. But even retroactively we can find solutions to make your machines and vehicles quieter and hence more pleasant and efficient to use.

- Wide range of materials optimized to meet specific requirements
- Excellent acoustic effectiveness
- Robust, durable, easy-maintenance surfaces
- Accurately cut and molded non-woven parts
- Easy installation and fixation, low weight
Materials used in vehicle design are exposed to extreme demands: Besides acoustic effectiveness, the list of requirements comprises temperature stability and resistance to oil, water and fuels, as well as high flame resistance and low weight.

- Products tested according ECE R-118
- Oil-, water and fuel-dense surfaces according to ECE R-118.01, appendix 9
- Material composition fine-tuned for acoustic effectiveness and optimum burning behavior.
- Robust materials
- Reflect heat radiation (when surface laminated with aluminum foil, hence reduction of thermal losses
Acoustic materials for rail vehicles

Whether train engines, regional express trains, high-speed trains or street cars – Cellofoam materials are on board. Installed behind ceiling / wall liners and in underfloor constructions, along air ducts or around frequency converters, our highly effective materials minimize noise emissions, drain off condensate water and protect the interior against heat and cold. Owing to their low weight, they help minimize the vehicles’ total weight and optimize overall energy efficiency.
Cellofoam materials have proven their noise-control excellence in all kinds of watercraft, from sailing yachts to motor ships. They are often used for engine noise damping, for example, because lower engine noise makes the experience of traveling by water much more pleasant and relaxing.

- Products with an oxygen index of at least 21%
- Materials with fuel-repellent surface layers for use in engine compartments
- Wide range of materials optimized to meet specific requirements
- Excellent acoustic effectiveness
- Flame-retardant materials
Acoustic materials for heating / ventilation / AC systems / heat pumps

In all kinds of applications, from heat pumps to ventilation and HVAC systems, Cellofoam noise-control products make their presence felt by substantially reducing the noise level. System operation becomes pleasantly quiet and ceases to be a disruptive factor at the workplace, in the hotel room or at home.

- Products for minimizing large-bandwidth noise with varying proportions of low, medium and/or high frequencies
- Products combining good acoustic and thermal effectiveness
- Wide range of materials optimized to meet specific requirements
- Materials that do not provide a medium for micro-organism growth
Acoustic materials for industrials plants and equipment

From complex production lines to individual machines – Cellofoam has the right solution for any noise problem. We offer acoustically effective materials for all noise-control applications, whether you need to stop the propagation of solid-borne noise or reduce the noise emissions of machines.

- Easy installation and fixation, low weight
- Excellent acoustic effectiveness
- Robust, durable, easy-maintenance surfaces
- Wide range of materials optimized to meet specific requirements
In medical engineering there are countless applications for Cellofoam products, ranging from the smallest sleep apnea device and dental treatment equipment to room-sized CAT scanners. We can apply various methods to make the operation of these devices as silent as possible, which will support medical treatment and recovery of the patient in "invisible" but tangible ways.

- Easy installation and fixation, low weight
- Excellent acoustic effectiveness
- Wide range of materials optimized to meet specific requirements
Acoustic materials for household appliances

From vacuum cleaners and washing machines to coffee makers – there is a vast range of appliances that can be operated much more quietly given the right choice of materials.

- Easy installation and fixation, low weight
- Excellent acoustic effectiveness
- Robust, durable, easy-maintenance surfaces
- Wide range of materials optimized to meet specific requirements
Restaurants, recording studios, kindergartens, production halls, conference rooms and any other kind of indoor location can be made a more pleasant place to stay – with sound-absorbing products from Cellofoam tailored to the application. Cellofoam materials installed on the ceiling and/or the walls minimize reverberation time and optimize speech intelligibility, creating an enjoyable atmosphere for you to work and live in.

- Decorative noise absorbers (panels, baffles)
- Acoustically highly effective materials contribute to optimized room acoustics
- Easy-to-install retrofit solutions for rooms that are already in use
- Clever fixation systems for easy installation on the ceiling
Flame and dry-adhesive lamination techniques are used to bond textiles or films permanently to foam surfaces. Cellofoam delivers ready-to-install lamination products, for instance for:

- Interior car fittings: headliners, headrests, parcel shelves, pillars, door liners
- Sports goods (gloves, ski goggles, fencing masks etc.)
- Medical products (bandages)
- Children’s car seats
- Delivery time < 1 week
We mold-shape non-wovens to produce interior parts

Pre-finished non-woven products score with excellent acoustic effectiveness. We use state-of-the-art machines and presses for two- and three-dimensional non-woven molding to produce shape-retaining, self-supporting parts exactly to customer specifications. Typical uses of Cellofoam non-woven 2/3D parts:

- In engine compartments in busses, construction machinery, materials-handling vehicles
- Door liners / side panel coverings
- Head liners / interior linings for cabins
- Pillar linings
- Noise-control layers for machine covers and hoods
Gaskets

Made from PVC, EPDM, PUR, PE or NBR, our Cello® gaskets ensure reliable sealing against the ingress of air, dust and liquids in a wide range of applications – for instance in machine construction or tool manufacture, any type of vehicles, windows or air conditioning systems.

- High level of consulting and manufacturing expertise
- Standard sealing tapes in various widths and lengths
- Pre-finished gaskets made to customer specification
- The materials are available without or with a self-adhesive layer on one or both faces
- Fast quote preparation and order processing, short delivery times
Pipe insulation

Cello® Pipe products are the perfect solution for all applications that require highly effective, robust and durable materials. They serve a double purpose: thermal insulation plus mechanical protection of pipes and ducts in utility vehicles, rolling stock, air conditioning and ventilation systems, industrial production lines and much more.

- High ageing stability
- Very high flexibility for easy mounting also around pipe bends etc.
- Hygienic: no fungal or mold growth
- Good resistance against hydrolysis and UV light
- Good resistance against oil, water and fuels
Vibration dampers

Our vibration-damping materials are made from high-quality PUR foams of mixed cell structure and various densities. They are used for vibration damping and solid-borne noise insulation in a wide variety of applications – from coffee makers and other household appliances right up industrial production lines.

- High-quality PUR foams of mixed cell structure and various densities
- Vibration damping and insulation, solid-borne noise insulation
- High resistance to mechanical strain
- Pre-cut parts ready for installation
Cellofoam offers a range of adhesive tapes for a wide variety of uses in different areas and industries:

- for masking/sealing edges
- for covering/protecting easily damaged parts, surfaces or edges
- for repairing/covering joints, seams, cracks or tears
- for sealing pipes and air ducts
- for securely fastening insulation materials
Compressors, for instance used as part of heat pumps or other systems, are a typical source of annoying noise. Our new, specially designed Cello® SB compressor jacket can substantially reduce the resulting noise emissions.

- Noise reduction effect of up to 6 dB achievable with optimum adaptation
- High-quality clips and adjustable straps allow ideal adaptation to compressor dimensions
- Easy-care PVC outer surface: robust, weather-resistant, easy to clean
- Inner surface covered with a perforated mesh layer for maximum noise reduction effectiveness
- Easy access to the compressor for maintenance purposes at any time
- On request, various customization options to fit different compressor types
Many thanks for your attention, we look forward to a good cooperation

Factories

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Cellofoam GmbH & Co. KG
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