



**WE MAKE
LOUD SYSTEMS
QUIETER**



VIBRATION RED.



FIRE PROTECTION



SOUND PROTECTION



THERMAL INSULATION



READY FOR ASSEMBLY

Sound insulation for heat pumps and air conditioning systems

Strong in action, quiet in sound!

We make the world quieter

As a highly experienced partner for acoustic and thermal insulation, Cellofoam develops custom-tailored solutions for the acoustic damping and insulation of HVAC systems. Our materials are durable, easy to install and specially designed to meet the requirements of technical systems.

Whether sound insulation panels, vibration decoupling materials or acoustic covers and casings – we offer effective products for targeted noise reduction in building technology.

Our specially developed combination products made of NON-WOVENS, PUR or PE foam offer excellent noise and vibration insulation properties. Depending on the application, we can suggest **flame-retardant, moisture-resistant and/or self-adhesive materials** – selected to perfectly match your requirements.



Why we are particularly stressed by monotonous noises

Monotonous and repetitive sounds are perceived by the human brain as particularly disturbing. Unlike natural sound patterns, there is no acoustic variety here to help the brain adapt or distract itself. This uniform sound pattern can lead to increased tension, concentration problems and a feeling of mental exhaustion.

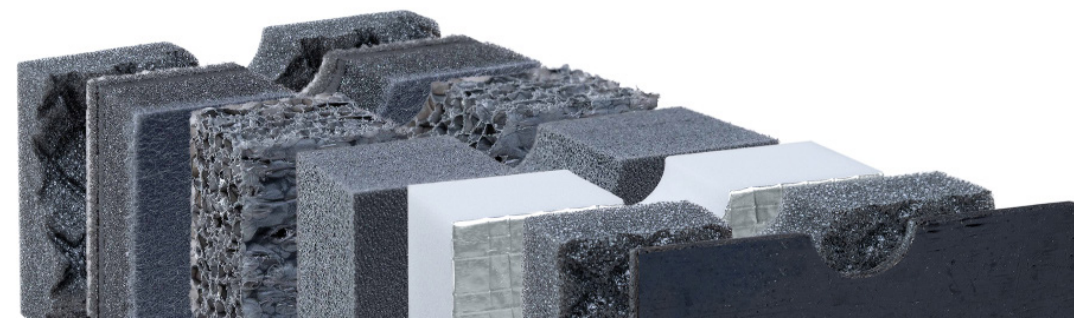
Especially in living or working spaces, this form of noise pollution can significantly reduce well-being, even though the noise source is not necessarily loud.



Cooling and heating.
But please do it quietly.

Tailored sound insulation solutions from Cellofoam

- **Insulation of enclosures and walls**
Highly effective absorbers to reduce interior noise levels
- **Anti-booming solutions for sheet metal housings**
Viscoelastic insulation layers for vibration damping
- **Compressor jackets (Cello® SB)**
Reduction of noise levels by up to 6 dB
- **Vibration insulation**
For decoupling vibrating components and hence minimize structure-borne noise
- **Air duct linings**
Absorption and attenuation of flow noises
- **Pipe insulation products**
Thermal and acoustic insulation in one – ideal for pipes in heating and cooling systems
- **Seals and gaskets**
Products that keep joints between materials airtight and prevent noise transmission

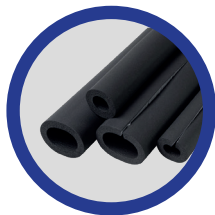


Cello® product portfolio



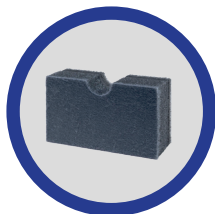
Compressor Jacket

- Effektive Geräuschreduzierung
- Einfache Wartung
- Strapazierfähige Oberfläche
- Simple Handhabung
- Individuelle Anpassung



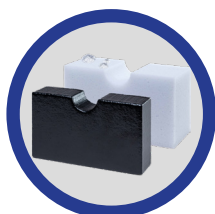
Pipe Insulation

- High energy efficiency
- Effective condensation protection
- Excellent sound insulation
- Simple & flexible installation
- High-quality material options
- Durable & resilient



Broad-Band Absorber

- For dampening large-bandwidth noise with varying proportions of low-, medium- and/or high frequencies
- Optimally coordinated layering according to customer-specific requirements
- Individually selectable surface



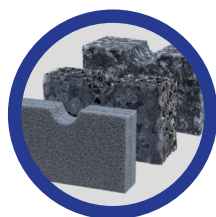
Melamine-Based Foam

- Broad absorption bandwidth
- Temperature resistance up to +150 °C
- Optional film sealing prevents the infiltration of liquids
- Optional oil- and water-repellent finish



PUR-Foam

- Attenuation and insulation of both air-borne and solid-borne noise combined in one product (R 615)
- High resistance against mechanical strain
- Air-permeable surface, optional liquid-repellent finish



PE-Foam

- High stability and structural strength
- Good resistance against humidity, freezing temperatures and dirt; UV stability (D2600 UV)
- Does not provide medium for micro-organism growth



Polyester Non-Wooven

- Excellent acoustic and thermal insulation effect
- High shape stability, optional liquid-repellent finish
- Choice of several surface options (aluminum foil, non-woven layer, polyester film)



Vibration Damping

- High resistance to mechanical strain
- Good insulation effect
- For different contact pressure loads
- Pre-cut parts ready for installation
- Very good permanent elasticity even under high-stress conditions

Get in touch with us now

Your requirements are our starting point:
We work closely with you to develop tailor-made, ready-to-install solutions - quickly, reliably and personally.

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