

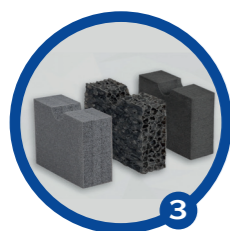
BROAD-BAND ABSORBER

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



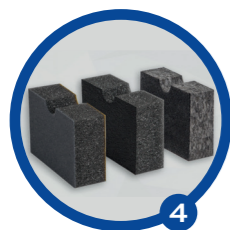
MELAMINE-BASED FOAM

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



PE FOAMS, CLOSED-CELL STRUCTURE

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



PUR FOAMS

- 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



MOLDED PE PARTS

- Very good insulation against heat and cold
- Excellent shape stability, easy installation
- Good resistance against humidity, freezing temperatures and dirt
- Sound attenuation and sound insulation effect



POLYESTER NON-WOVENS

- Excellent acoustic and thermal insulation effect
- High temperature resistance and excellent fire performance
- 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



**WE MAKE NOISY SYSTEMS
AND DEVICES QUIETER**

**HEATING // VENTILATION // AC SYSTEMS
HEAT PUMP // CHP**



APPLICATION IN HEAT PUMPS & AIR CONDITIONING SYSTEMS



In all kinds of applications, from heat pumps and HVAC systems to cogeneration units, Cellofoam noise-control products make their presence felt by minimizing the perceptible noise. The operation of machines and systems becomes pleasantly quiet and ceases to be an annoying or disruptive factor.

On request, we will carry out free on-site sound level measurements as the basis for the targeted specification, together with you, of the ideal noise-control solution

for your application – so you can offer your customers the assurance of quieter and pleasanter surroundings.

At the same time, the low thermal conductivity of our materials offers an additional insulation effect against heat and cold.



APPLICATION IN HEATING & VENTILATION SYSTEMS



Home is the place where one wants to feel comfortable at all times. This includes cozy indoor temperatures in winter and a restful atmosphere without annoying heater noises. For more than 60 years now, Cellofoam has been a renowned partner for acoustic and thermal insulation solutions.

In order to determine the ideal thickness of the insulation layer, we will work together with you calculate the thermal transmission factor, if necessary.

Contact us to find out more.

CELLO® SEALING PRODUCTS

- Temperature resistance up to +200 °C
- Choice of basis materials:
PVC, NBR, EPDM, SILIKON, PE or CR
- High resistance against mechanical strain
- Density: 23 - 175 kg/m³
- Very good resistance against chemicals
- Good weathering resistance
- Good resistance against oil, water and fuels



CELLO® COMPRESSOR JACKET

- Noise reduction effect of up to 6 dB achievable with optimum adaptation
- Easy access to the compressor for maintenance purposes
- Easy-care PVC outer surface: robust and easy to clean (Cello® SB Standard)
- Velcro velour surface and Velcro strips allow individual fastening – creating a perfect fit for your compressor (Cello® SB Basic)