

**THERMAL INSULATION AND SOUND DEADENING FOAM
SELF-ADHESIVE (ROLL) 10 MM**

Self-adhesive thermal insulation and sound deadening foam is an ideal material for effective deadening of cars, campers, yachts, industrial machines, compressors, power generators and apartments. It is used for sound insulation in construction industry. It has high acoustic and insulating properties. The foam creates an acoustic barrier, perfectly absorbs noise and at the same time insulates from temperature (thermally). It weighs little and has a layer of a strong adhesive. Does not absorb water, odours and is resistant to chemicals. Contains no dust, fibers or heavy metals. It does not oxidize, does not emit substances harmful to health, and it is not toxic.

PRODUCT COLOUR

Black.

USE

Sound deadening of motorhomes, large cars, yachts and boats, industrial machines, houses and flats.

Elements of the car in which the foam can be used:

Cab, trunk, roof, doors, hood, wheel arches, floor.

Car audio.

Sound insulation of such industrial machines as:

Industrial machines, compressors, power generators.

Application in construction industry:

Houses, flats (walls, floors, doors, ceilings)

It is used in the process of reconstruction or construction of new buildings as an additional sound-absorbing material for load-bearing structures or internal partitions, such as e.g. ceiling slabs, brick or concrete walls, structures made of plasterboards and their elements. They can also be used as soundproofing mats on walls.

This material effectively eliminates most of the household noises of medium intensity such as a crying baby, barking dogs, loud conversations, the sounds of the TV or other household appliances.

Ventilation (ventilation ducts), air conditioning, refrigeration and heating.

DIMENSIONS

Thickness of the foam: 10 mm

Dimensions: 25 cm x 100 cm

Weight: 0.15 kg

Composition: rubber foam, sound deadening and waterproof.

PROPERTIES

- ✓ Efficient sound insulation. Isolates the mids and absorbs the high frequencies.
- ✓ Sound insulation of the 25 mm thick rubber foam: $\Delta R_w = 12-14$ dB
- ✓ It does not absorb water, odours and chemicals.
- ✓ High density product.
- ✓ It is self-extinguishing and does not spread fire.
- ✓ Conforms to CE 0551-FEF standards.
- ✓ Compliant with the harmonized European standard of the construction product PN-EN 14304:2009.
- ✓ It does not oxidize, does not emit substances harmful to health, and it is not toxic.
- ✓ Contains no dust and fibers.
- ✓ Contains no heavy metals.
- ✓ It has a layer of a strong adhesive.

TECHNICAL DATA SHEET

- ✓ It is flexible, which facilitates assembly.
- ✓ Closed cell structure.
- ✓ Density: 50 - 60 kg/m³
- ✓ Water absorption: 0.1% max.
- ✓ Operating temperature range: -50°C to 110°C according to EN 14706
- ✓ pH: neutral
- ✓ Reaction to fire: self-extinguishing, does not form flaming droplets, does not spread fire in accordance with EN 13501-1 (D-s3, d0).
- ✓ Thermal conductivity: $\lambda \leq 0,036$ according to EN ISO 13787.
- ✓ Water penetration: $\mu \geq 7000$ according to EN 12086 and EN 13469.

ASSEMBLY

- ✓ Use paper or film as the media.
- ✓ The soundproofed surface should be well degreased and cleaned (it must be clean and dry).
- ✓ Remove the protective layer of paper or film from the foam.
- ✓ Apply the foam to the prepared surface.

EXAMPLES OF QUANTITIES FOR SOUND DEADENING OF A CAR

- ✓ Front door (pair): approx. 2 m² of butyl mat + 1 m² of rubber foam.
- ✓ Rear door (pair): approx. 1.5 m² of butyl mat + 1 m² of rubber foam.
- ✓ Boot with wheel arches: approx. 3 m² of butyl mat + 3 m² of rubber foam.
- ✓ Floor with engine compartment: approx. 3.5 m² of butyl mat + 3.5 m² of rubber foam.
- ✓ Roof: approx. 2 m² of butyl mat + 2 m² of rubber foam.

ATTENTION! The quantities given are indicative - they may vary depending on the model / type of car / vehicle.

PACKAGING

ITEM NO	PACKAGING (PCS)	PACKAGING (KG)
80638	1	11.05

The information given is based on careful laboratory research and many years of experience. Strong market position does not absolve us from constant control of the quality of our products. However, we are not responsible for the final results after incorrect use of the product.