

Chemistry between us

AIB is the precursor of modern solutions in the construction industry. We started our company in 1992, focusing on the production of innovative finishing and insulation materials. The quality of the AIB brand is guaranteed thanks to the specialized education of company founders backed by over 25 years of experience, enabling us to offer proven solutions and high quality products. This is the basis of AIB's presence on the global market, resulting in the

introduction of a management system in accordance with EN ISO 9001:2015 and obtaining a wide range of product certifications. We would like to especially emphasize that, in addition to our standard offer, we design and implement solutions in accordance with the individual needs of the customers.

Please check out our products and feel free to contact our Customer Service.

What makes us different?

- **Experience**

Gained over a period of 25 years, from a single production line to a plant employing over 150 people.

- **Technology**

Modern production lines and continuous efforts to optimize and automate the manufacturing process.

- **Innovation**

Own R&D Department and highly specialized staff allow us to pursue original ideas, and implement products according to customer specifications.

- **Quality**

Guaranteed by our modern laboratory and its management. The company owns the quality certificate EN ISO 9001:2015.

- **Logistics**

Perfectly organized transportation and logistics shorten delivery times to a minimum.



Butyl

Through dynamic and sustainable development, within a few years, AIB became one of the leading manufacturers in Europe and the continually increased product range can meet the increasing demands of customers. The advantages of butyl products include high vapour-tightness, very good adhesion to various surfaces, maintaining flexibility for many years, noise attenuation, resistance to fungi and moulds, and material characteristics such as non-toxicity and stable ductility.

Currently, the standard product range includes butyl in the form of butyl strips, cords and laminates, which are offered

in several material variants. AIB also specializes in implementing designs according to customer specifications.

Our company also provides various types of butyl mixes in drums. This material can be used by our customers owning butyl extrusion equipment.

Production capacity:

- Maximum width of the strips and laminates 1000 mm
- Maximum diameter of cords 40 mm

Main areas of application of butyl

Roofing

Due to their excellent properties AIB butyl strips are mostly used in roof construction as part of the chimney and ridge sealing tape, as well as tape bonding roofing membranes. Additional roofing uses include nail sealing tape and mounting elements for flanges and skylights. Butyl, as material maintaining its plasticity, is the best choice for the sensitive parts of the building structure – the roof.

Construction























Aluminium-butyl tapes are also made on the basis of butyl, as well as products covered with fleece or polythene film, which are used not only in roofs, but also in façades, ventilation systems, expansion joints, sound insulation, crack repair and installation of windows. An equally important area of application of butyl tapes is the bathroom, where tapes

covered with fleece, as well as finishing tapes are used very often. Butyl tapes are highly vapour- and waterproof, and provide excellent adhesion even in a wet environment, making them ideal for application at the wall-floor connection, and also as pipe insulation sleeves.

Automotive industry

Butyl is also material used frequently in the automotive industry as an element sealing and sound-proofing the body. Due to the compatibility with other materials, as well as anti-corrosive properties, it is an optimal solution for the automotive industry. Butyl in automotive application is normally used in form of strips, as well as butyl-aluminium laminates based on pure aluminium. Of course, due to the dynamic changes in the technology of the production of cars, AIB offers individually tailored material solutions.



Automotive industry		Ventilation systems	
Trailers		Bathrooms	
Façade windows		Electrical systems	
Roof windows		Plumbing	
Glazing		Piping	
Roof		Film, membrane connections	
Chimney tape		Crack repair	
Façades		Expansion joints	
Conservatories		Nail insulation	
Water tanks		Adhesive tapes	
Soundproofing		Corrosion protection	

Material

AIB offers the following Elastlok butyls, which are manufactured by using synthetic rubber (IIR/PIB):

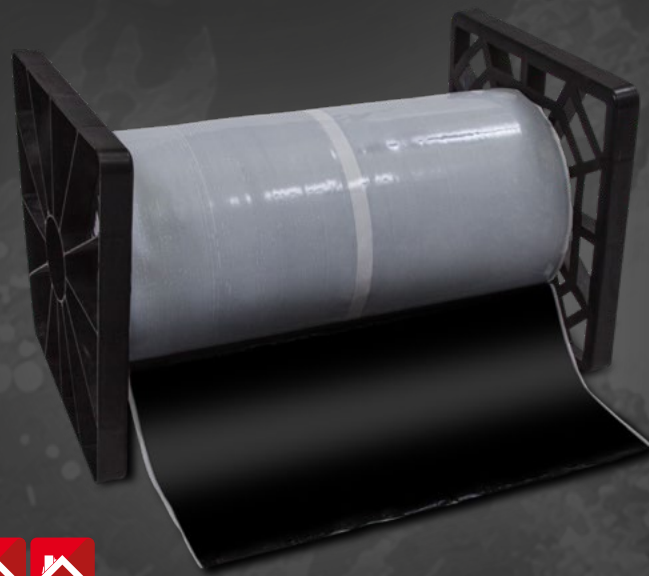
BUTYL	COLOUR	DENSITY [g/cm ³]	ADHESION 180° [N/24mm] EN 1939	PENETRATION [23°C, cone 150g, 2h]
Elastlok 28	Black	1,75 ± 0,05	35 – 45	55 – 70
Elastlok 33	Black	1,73 ± 0,05	35 – 45	55 – 70
Elastlok 34	Black	1,85 ± 0,05	25 – 45	45 – 60
Elastlok 35	Black	1,50 ± 0,05	≥ 50	50 – 65
Elastlok 36	Grey	1,73 ± 0,05	35 – 45	55 – 70
Elastlok 38	Grey	1,55 ± 0,05	16 – 30	55 – 70
Elastlok 46	Black	1,55 ± 0,05	25 – 45	55 – 70
Elastlok 46-77M	Black	1,50 ± 0,05	25 – 45	70 – 90
Elastlok 48	White	1,55 ± 0,05	16 – 30	–

BUTYL	COLOUR	DENSITY [g/cm ³]	ADHESION 180° [N/24mm] PN EN 1939	PENETRATION [23°C, cone 150g, 24h]	MFR [ml/10min] ISO 1133 [2,16 kg/140 °C]
Elastlok 52	–	1,54 ± 0,05	–	<25	>15 [21,6 kg]
Elastlok 54M	Grey	1,65 ± 0,05	16 – 25	–	≥ 100
Elastlok 55M	Grey	1,45 ± 0,05	25 – 45	70 – 90	≥ 50
Elastlok 56M	Grey	1,45 ± 0,05	> 30	–	≥ 50
Elastlok 57-7M	Black	1,45 ± 0,05	>70	30 – 55	≥ 30
Elastlok 58	Black	1,81 ± 0,05	≥ 5	55 – 65	–
Elastlok 59	Black	1,77 ± 0,05	20 – 40	30 – 45	–
Elastlok 62M	Black	1,65 ± 0,05	16 – 30	–	≥ 80

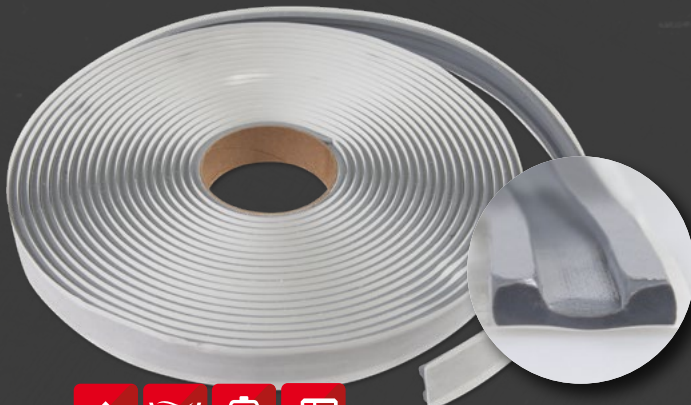
Products

Butyl strip – butyl extruded in form of a rectangular profile, secured with a liner. **Standard sizes: 15x1.0, 15x1.5, 20x1.0, 20x1.5, 30x1.0 mm.** Other sizes on request.

Wide butyl strip – butyl extruded in form of a wide rectangular profile, secured with a liner. **Standard sizes: 140x1.2, 240x0.9, 270x0.9, 290x0.9, 290x1.0, 290x1.2, 435x0.9, 435x1.2 mm.** Other sizes on request



Profiled butyl strip – butyl extruded in form of an U-shaped, L-shaped or triangular profile, secured with a liner.



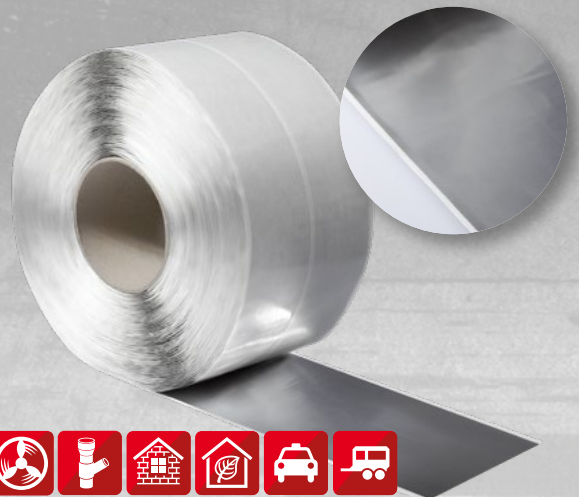
Butyl cord – butyl extruded in the form of a round profile, secured with a liner. **Standard sizes:** $\varnothing 3$, $\varnothing 4$, $\varnothing 5$, $\varnothing 15$ mm.



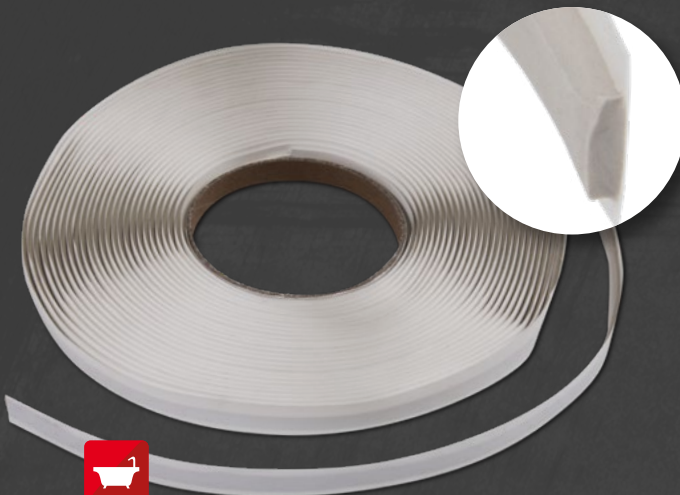
Butyl tape B1 and B1+ – butyl laminated with fleece, adhesive on one side, protected with paper or film. The B1+ version is additionally equipped with an acrylic self-adhesive strip. **Standard sizes:** 75, 100, 150 mm.



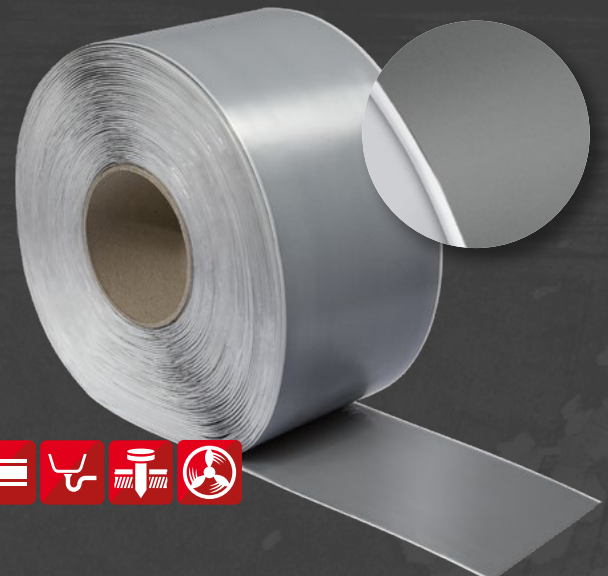
Butyl tape B2 – butyl coated with aluminium film (pure or laminate), adhesive on one side, protected with paper or film. **Standard sizes:** 50, 70, 100, 150 mm.



Butyl strip B5 – butyl with adhesive on one side, covered with a thick polypropylene film on the other side. **Standard sizes:** 12x2, 25x2 mm.

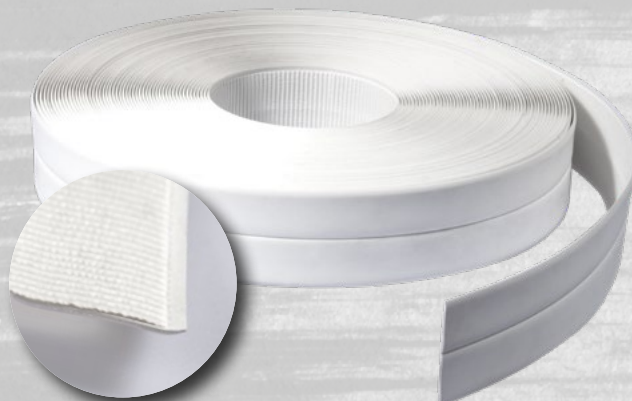


Butyl tape B6 – butyl covered with transparent polyethylene film, adhesive on one side, secured with a liner. **Standard sizes:** 50x2, 80x2, 100x2 mm.

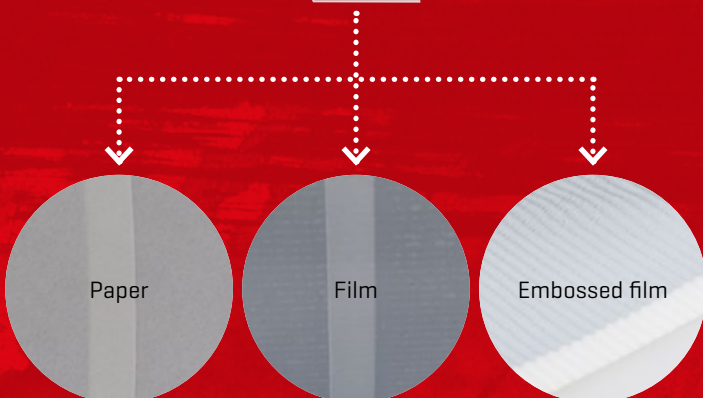
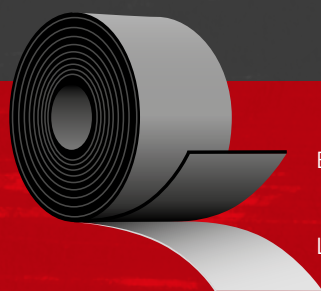
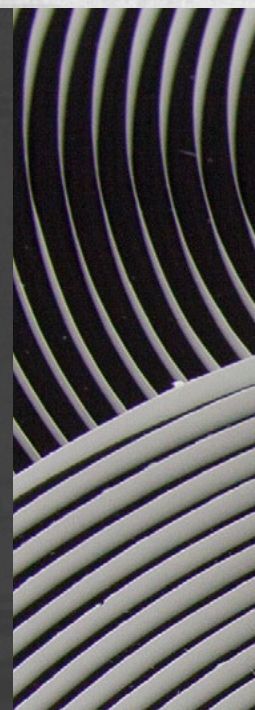


Butyl tape B7 – butyl covered with polyethylene film, adhesive on one side, secured with a liner. **Standard sizes: 50, 70, 100, 150 mm.**

Bathroom tape – the tape consists of a sealing (masking) layer coated on the underside with butyl. **Standard sizes: 22, 38, 60 mm.**



Butyl in drums – for the industrial application of butyl directly on substrates. **Standard package: 200 L drum.**



Products tailored to customer needs

In the case of our products the customer can choose not only the raw material from which the product is made, but also the carrier that meets the quality expectations. Available carriers: paper, smooth film and embossed film [with textured surface]. The selection of individual materials is done together with the customer, after analysing the needs and requirements.



AIB spółka z ograniczoną odpowiedzialnością sp.k.

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