

Butyband

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Technical data

Material		Aluminium - PET
Adhesive layer		Butyl Rubber
Release liner		Siliconized foil
Elongation at break	EN 12311-1	15% (longitudinal) 20% (transverse)
Tensile strength	EN 12311-1	180 N / 50 mm (longitudinal) 190 N / 50 mm (transverse)
180° Peel adhesion	ASTM D 1000	20 N/cm
Probe Tack	ASTM D 2979	8,0 N
Fire reaction class	EN 13501-1	Class E (normal flammability)
Water vapor diffusion resistance factor (μ)	NF EN 1931	1530000
Temperature resistance**		-30 °C → 90 °C
Application temperature		0 °C → 40 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Butyband is a full-surface, self-adhesive sealing tape based on high-quality butyl rubber with a protective layer of PET-reinforced aluminum, developed for vapor, air and watertight connections.

- Sealing and joining materials such as glass, steel, plexiglas, polycarbonate, wood, aluminium, PVC.
- Sealing of conservatories, porches, gutters, piping, ducting, canopies, roofs, chimneys, skylights, light domes, ...

Properties

- Tear resistant
- Vapor, air and watertight
- Self-sealing
- Very good adhesion on almost all substrates.
- Very good adhesion at cold temperatures
- Good temperature resistance
- No vertical flow
- UV-resistant
- Cold applied
- Easy installation, easy folding in the corners
- No drying time, continue working immediately
- Solvent free

Packaging

Colour: alu, lead

Packaging: roll

Length (m): 10

Thickness (mm): 0.8

Width (mm): 50, 75, 100, 150, 225, 300

Shelf life

At least 24 months in original, unopened packaging at a cool and dry storage place, between +5°C and +40°C. Storage above +50°C may lead to difficulties in removing the release liner. The product is not affected by frost.

Applications

- Vapor, air and watertight connections.
- Sealing of (connection) joints around windows and doors

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Substrates

Substrates: Suitable for bonding most commonly used materials from the construction and building industry such as wood, wood based materials, glass, aluminium, steel, many types of plastics, tiles, concrete, brick, ...

Nature: rigid, clean, dry, free of dust and grease. Ensure that frost or condensation are absent on the surface.

Surface preparation: On very absorbent surfaces the surface should be treated with a primer. A preliminary adhesion test on every surface is recommended.

Application method

Application method: Remove the protective foil evenly and press firmly over the entire length. If possible, use a pressure roller. Avoid folds while doing so (= possible leakage). Avoid entrapment of air bubbles between the tape and the substrate. When connecting two tapes, use an overlap of at least 5 cm.

Cleaning: Adhesive residues can be removed with Soudal Adhesive Remover-CT or Soudal Surface Cleaner.

Repair: With the same material.

Health- and Safety Recommendations

Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.

Remarks

- Do not use on frozen surfaces or surfaces on which condensation is present.
- The applied pressure and not the duration of the compression will determine the ultimate strength of the bond.

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