SOUDAL

Technical Data Sheet

Butyband

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.

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

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

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.

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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 traeted 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.