Technical data sheet

PARABAND BUTYL TAPE



CHARACTERISTICS

- High resistance to UV
- Very strong, self-adhesive and cold vulcanizing sealing tape
- Composed of a backing of reinforced aluminum (PET/alu) on an adhesive side of modified butyl rubber with a protective film of one-sided siliconized PP film
- Instant adhesion. Adhesion strengthens over time.
- Water-, air- and vapor-proof
- Very high temperature resistance

APPLICATIONS

- Extremely suitable for making the spaces between structural elements or between structural elements and curtain walls water-, air- and vapor-tight.
- For dealing indoor and outdoor air ducts, skylights, pipes, seams in gutters, roof ridge...
- Adheres to glass, steel, concrete, stone, wood, aluminum ...

TECHNICAL CHARACTERISTICS	
% Elongation at break longitudinal / transverse: EN12311	≥ 10
Water resistance	Pass (EN 1928 + EN 1847)
Application temperature	+5°C - +35°C
Temperature resistance	-20°C - +80°C
Vapour diffusion coefficient (μ)	≥ 230 000 (EN 1931)
Tensile strength longitudinal / transverse: EN 12311-2 (N/mm²)	≥ 2
Impact resistance: EN 12691	≥ 300 mm
Tear resistance longitudinal / transverse: EN 12310-2	≥ 30 N
Loop tack: ASTM D6195 (N)	≥ 33 N
Peel strength: ASTM D3330 (>24h) (180°)	≥ 11 N/10 mm
Fire class: EN11925-2 + EN13501-1	E
Shelf life of unopened product	24 months
Storage conditions	Store in a dry, well ventilated place <30°C. When stored at >40°C, problems may appear when removing the protective film.

PACKING AND COLOURS
Grey
50 x 0,8 mm : 12 x roll 10M/box - 960 pieces/pallet
75 x 0,8 mm : 8 x roll 10M/box - 640 pieces/pallet
100 x 0,8 mm : 6 x roll 10M/box - 480 pieces/pallet
150 x 0,8 mm : 4 x roll 10M/box - 320 pieces/pallet
200 x 0,8 mm : 3 x roll 10M/box - 240 pieces/pallet
300 x 0,8 mm : 2 x roll 10M/box - 160 pieces/pallet

METHOD OF USE

Preparation

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- The surfaces must be solid, dry and free of dust and grease.
- If needed degrease the materials to be glued with Parasilico Cleaner, MEK, fire alcohol, ethanol.
- The shape of the surface to be covered should be compatible with the flexibility of the product and its distortion abilities.
- Do not use at temperatures below 5°C, because of condense tracks that may appear on the surface.

Primers

- The use of a primer may be necessary on very porous substrates, in the event of difficulty in adhesion or in demanding conditions of use.

Application

- Paraband BT should be applied directly to the substrate after removing the protective film. The contact surface on both sides of the joint must be at least 50 mm wide.
- The adhesive strength of the product develops in the first minutes after application and reaches its maximum after 24 hours.
- At least 25 mm overlap must be provided to join two pieces.

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