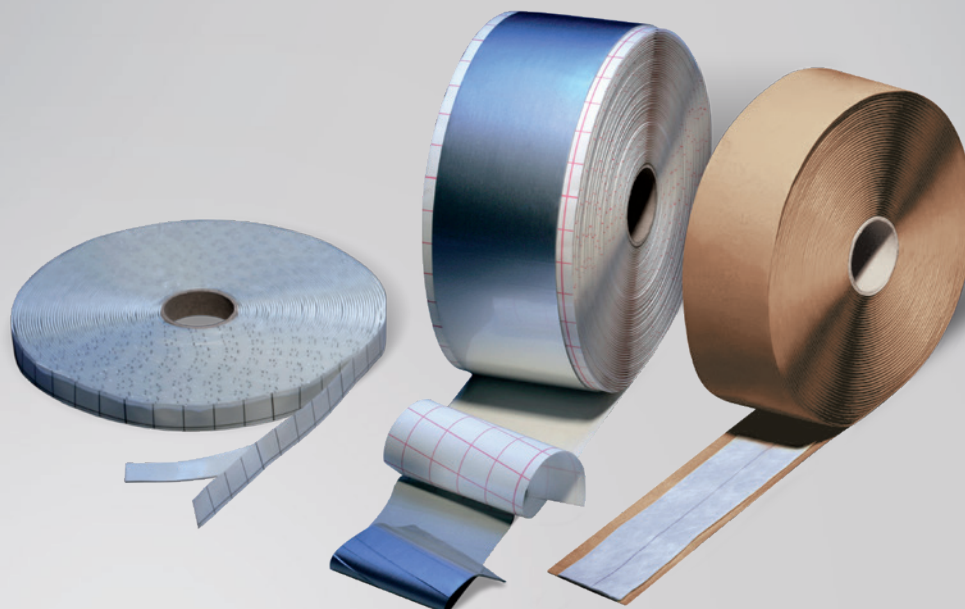


PRODUCT DATA SHEET

ISO-BUTYL



PRODUCT DESCRIPTION

ISO-BUTYL are self-adhesive, volume-stable butyl tapes based on butyl rubber, which are available either as double-sided self-adhesive tapes, with tear-proof aluminium lamination or with synthetic fleece lamination. Due to their outstanding adhesion, the water-repellent ISO-BUTYL sealing tapes are suitable for the reliable and lasting sealing of joints, cracks, seams and overlapping in the entire construction area.

APPLICATION

ISO-BUTYL SELF-ADHESIVE TAPE is ideal for overlapping seals of screwed joints for assemblies in the fields of:

- cooling and air-conditioning
- motor vehicle construction
- ship and container building
- facade construction
- sanitary and electrical installation
- silo technology
- furniture and internal fittings
- instrument manufacture

ISO-BUTYL FLEECE TAPE is ideal for covering seals of fireplaces, butt and overlapped sheet metal joints, flashing for porches, garages, roof windows, heat insulation of glazing, ventilation and sanitation, sealing of skylights to roofs and sealing of wall-, roof-, parapets- and connecting-constructions.

PRODUCT ADVANTAGES

- water-repellent
- does not cause corrosion
- solvent-free
- bitumen-free and bitumen-compatible
- resistant to aging, weathering and UV
- constant volume
- functions immediately
- permanent adhesion
- simple to use
- complies with IVD instruction leaflet No. 5

ISO-BUTYL ALU TAPE is ideal for covering seals of constructional and connecting joints in buildings and industry and for sealing both internal and external joints and overlaps (metalwork, container construction, conservatories, air-conditioning and ventilation construction). In addition, when used in the construction of windows and facades, ISO-BUTYL ALU TAPE is ideal for sealing connections and joints (where a gas and diffusion-proof seal is necessary).



ISO-BUTYL

Technical data	SELF-ADHESIVE TAPE	ALU TAPE	FLEECE TAPE
Material description	butyl rubber	butyl rubber aluminium / plastic compound fil	butyl rubber synthetic fleece
Building material class	B2	B2	B2
Colour	grey	grey / aluminium	grey
Density DIN EN ISO 10563	$\geq 1.26 \text{ g/cm}^3$	$\geq 1.35 \text{ g/cm}^3$	$\geq 1.2 \text{ g/cm}^3$
Slipping test	stable	stable	stable
sd-value DIN EN ISO 12572	–	> 1,500 m	> 1,500 m
Temperature stability range complies with DIN 52455-4	-40°C to +80°C	-40°C to +100°C	-50°C to +100°C
Working temperature	approx. +5°C to +30°C	approx. +5°C to +30°C	approx. +5°C to +30°C
Dimension tolerance DIN 7715 T5 P3	requirements fulfilled	requirements fulfilled	requirements fulfilled
Storage temperature	approx. 20°C practically unlimited (rolls stored flat, dry and protected from dust)		

Thicknessxwidth	Roll length (metres)	Carton (metres)
SELF-ADHESIVE TAPE		
1.5x15 mm*	40.0	160.0
2x8 mm	18.0	396.0
2x10 mm		396.0
2x15 mm		324.0
2x20 mm		252.0
ALU TAPE		
1.5x35 mm	25.0	200.0
1.5x40 mm		200.0
1.5x45 mm		150.0
1.5x50 mm		150.0
1.5x60 mm		150.0
1.5x80 mm		100.0
1.5x100 mm		50.0
FLEECE TAPE		
2x50 mm	18.0	108.0
2x60 mm		108.0
2x80 mm		72.0
2x100 mm		36.0
2x120 mm		36.0

* Only available in black.

FINISHES

- ISO-BUTYL SELF-ADHESIVE TAPE
- ISO-BUTYL ALU TAPE
- ISO-BUTYL FLEECE TAPE

PROCESSING

Remove moisture, dust, separating agents, oil, grease and other dirt from surface to which the strip is to be applied. Pre-treat absorbent surfaces such as concrete, plaster etc. with ISO-TOP PRIMER. Unroll strip and cut to length.

Overlapping constructions:

Place ISO-BUTYL SELF-ADHESIVE TAPE with the unprotected surface of the material on the surface to which it is to be adhered and press down. Then pull off the separating paper or film. Overlap the free sealing surface with the intended material as required and press the sealing surfaces together. This compensates for small irregularities in the adhesion surface, but avoid over compression. Provide for permanent spacing (e.g. lugs, edges, washers).

Covering seals:

Adhere the adhesive butyl surface of ISO-BUTYL ALU TAPE or FLEECE TAPE to the pre-treated substrate using a pressure roller. Press down firmly and carefully. Avoid creases and bends when pressing down or roll out carefully. Avoid transverse installations in roof areas (danger of detachment due to snow and ice loads).

With ISO-BUTYL FLEECE TAPE, the adhesion zone can be plastered over up to 30 mm to a maximum thickness of 8 mm (do not plaster over any movement area).