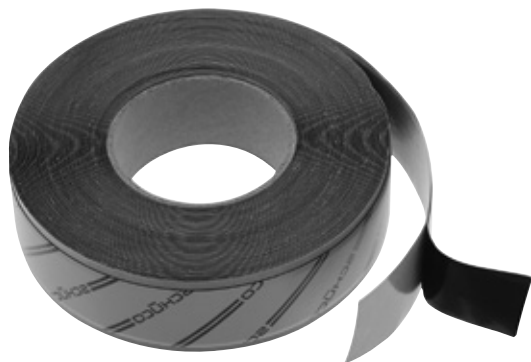


Technical information

Aluminium sealing tape



Product description and area of use

Butyl rubber with an aluminium/PVC-U composite film for exterior sealing of glazing rebates in inclined and vertical glazing in façade structures. The aluminium sealing tape is bonded from one edge of the pane to the other with a sufficient supporting surface and must be covered with pressure plates.

The aluminium sealing tape must be additionally mechanically secured and protected from UV radiation by a suitable cover.

Use and handle in accordance with Schüco order and fabrication manuals (K drawings).


Product features

- Very flexible
- Self-adhesive
- Vapour-proof
- High adhesive strength
- Highly resistant to tearing and tear propagation
- Can be screwed through
- Fungicidal
- Mirror-like surface finish

Technical data	
Chemical basis	Synthetic butyl rubber
Colour of the butyl	Black
Colour of the surface (film)	Aluminium colour
Unit weight	Approx. 1.3 g/cm ³
Fire performance in accordance with DIN EN 13501-1	Class E
Application temperature	Not below +5°C
Usage temperature	Approx. -40°C bis +80°C The butyl material becomes softer and more tacky at higher temperatures
Chemical resistance	The sealing tape is not resistant to hydrocarbons such as solvents and fuels.

Supplied as:

A roll in a cardboard box

Art. No.	Dimensions (width x thickness)	
		m
288 046	35 x 0.8 mm	40
288 047	40 x 0.8 mm	40
288 048	45 x 0.8 mm	40
288 049	50 x 0.8 mm	40
288 050	60 x 0.8 mm	20
288 051	75 x 0.8 mm	20
288 052	100 x 0.8 mm	20

Storage

If stored in a cool, dry place in the original packaging, free from mechanical load, and protected from dirt, the articles can be stored for a minimum of 3 years. Do not store at more than +20°C.

Application

The bonding surface must be dry, firm and free of dirt and oil. Strong adhesion on smooth surfaces such as aluminium, glass, acrylic glass (plexiglass) and polycarbonate. While the backing paper is being peeled away, the tape must be stuck on centrally across the joint between the panes and pressed firmly (using a pressure roller, if possible). Press the screw through the sealing tape and then screw through. For the application of the aluminium sealing tapes, we recommend butyl tape dispenser Art. No. 299 593.

The butyl rubber material exhibits a level of cold flow desired for most applications. However, due to these physical properties, the aluminium sealing tape should not be used in the overhead area without additional fixings.

The outer layer of the backing film only has limited resistance to UV radiation. This layer will be damaged by longer exposure to UV radiation. As a result, the aluminium sealing tape should not be exposed to direct UV radiation. The aluminium sealing tape is resistant to typical weather conditions. It should not be exposed to direct sunlight for extended periods. At low ambient temperatures, the permanently tacky material will become reversibly taut, although the tape will not become brittle.

Safety instructions

For more information, see the safety datasheet.

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Note:

The information that we provide is in line with the current state of the art and does not claim to be complete. Due to the different materials and surface finishes, and working conditions beyond our control, we always recommend carrying out a preliminary test to ensure that the product is suitable for the intended use.

The publication of this technical datasheet renders all previous editions invalid.

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