

Soudatape Flex

Revision: 15/01/2020

Page 1 from 1

Technical data

Material	Flexible fibre-reinforced PE film
Adhesive layer	Acrylic
Carrier	Siliconized foil
Water vapor permeability (DIN EN ISO 12572)	Sd 20-30m
Elongation at break (%) DIN EN14410	>150
Tensile strength (N/cm) DIN EN14410	>15
Temperature resistance**	-40 °C → 70 °C
Application temperature	-5 °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

Soudatape Flex is a durable tape for permanent airtight sealing of overlaps and penetrations in interior applications.

Properties

- Vapour retardant
- High tear resistance
- Solvent-free adhesive layer with excellent ageing resistance
- Superior adhesion to most common foils, non-woven materials, wood and aluminium
- Good temperature resistance

Applications

- Soudatape Flex is due to the elastic character extremely suitable for air-and vapour-proof finishing of penetrations such as tubes, pipes and beams through vapour barriers and foils.

Packaging

Colour: white

Packaging: roll 25mtr., 60mm and 150mm wide

Storage

Unopened and original packaging in a cool and dry storage place at temperatures between +15°C to +30°C and a maximum RH of 65%.

Substrates

Substrates: all surfaces, except PTFE and bitumen.

Nature: rigid, clean, dry, free of dust and

grease.

Surface preparation: No pretreatment required. A preliminary adhesion test on every surface is recommended.

Application method

Application method: apply Soudatape Flex, after partial removal of the protective film, centered on the penetration to be sealed. Avoid folds in the tape and work with short(er) overlapping pieces. Press the tape firmly whilst applying. If possible, use a pressure roller.

Cleaning: with soapy water

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 at temperatures below -5°C
- 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.

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.