

Compri-butylpe

(Butyl cold shrink tape)

Product description:

Ductile Compri-butyl pe made of cold-self-adhesive butyl rubber adhesive, coated with a highly tear proof, aluminium-coloured polyethylene film, expandable up to 400 %.

Compri-butyl pe fulfils the requirements of Building Material class B2 according to DIN 4102, glued on pipelines made of metal.

Application areas:

Sealing and insulation of pipes:
in building construction
in industry
in air-conditioning technology

Roofing seals:
sealing vapour barriers in penetrations

When using as a water-protective seal, ensure that there is no possibility of standing water accumulating on the sealing tape. Compri-butyl pe is meant for indoors; we recommend our aluminium or lead butyl tapes for outdoors.

Technical data:

Thickness	approx. 0.6 mm	
Width	10 mm to 1000 mm	
Colour	grey	
Breaking elongation of the polyethylene backing film	≥ 400 %	SL NF T 54-102
Fire behavior	building material class B2	ac. to DIN 4102, Part 1
Temperature resistance	- 30 °C to + 80 °C	
Processing temperature	+ 5 °C to + 40 °C	
Adhesive force on steel at 90 ° peel	approx. 9 N / cm	MEL 052 (23 °C)
Adhesive force on concrete at 90 ° peel	approx. 9 N / cm	MEL 052 (23 °C)
Water vapour permeability	approx. 4 g / m ² / 24 h	NF T 30 018
Butyl adhesive stability under load at + 5 °C	≤ 3 mm	ISO 7390
Butyl adhesive stability under load at + 70 °C	≤ 3 mm	ISO 7390

Processing notes:

The surface must be stable, clean, dry and dust-, grease- and oil-free. Pre-coat brittle, porous and absorbent surfaces with our **Multi Primer**. Check the underground for compatibility beforehand.

Before application check, whether the butyl rubber adhesive is compatible with the underground regarding adhesive strength and chemical compatibility. The adhesive tape is applied spirally and overlapping, e.g. onto pipes. For this purpose remove the backing from the adhesive, attach the tape to the pipe and then wind around the pipe under tension in such a way that no bubbles develop between the butyl rubber adhesive and the underground. Then press the tape firmly onto the underground and smooth.

Butyl rubber adhesives are long-term ductile and non-flexible. They are not suitable for permanent mechanical loads and under no circumstances can replace mechanical mounting or the use of a mounting adhesive. The mechanical load capacity of butyl rubber adhesives decreases with rising temperature. Adhesive tapes with butyl rubber adhesive are not solvent resistant.

When winded at least twice, that is to say that at least two layers of Compri-butyl pe are mounted, the Compri-butyl pe is UV-stable.

Storage:

12 months from date of manufacture in sealed original packaging at a maximum of 30 °C and protected against damp. The storage area must be properly ventilated. There is a tendency for the cover paper to adhere strongly to the butyl adhesive if the storage temperature exceeds 30 °C.

Safety:

Keep away from children. If in doubt, consult the safety data sheet.

Additional Information

The above changes were made in good faith. We reserve the right to make changes in the recipe. The buyer has to obtain information on the latest developments of the above product. The manner of use, and the circumstances of the installation are beyond our ability assessment and thus the responsibility of the buyer. Liability under this product information sheet is not accepted. Deliveries are made exclusively by our General Terms and Conditions.