

Product description:

Ductile cold shrink tape made of cold-self-adhesive butyl rubber adhesive, coated with a highly tear proof polyethylene film, easily expandable. Butyl Cold Shrink Tape has an immediately high direct initial tack, whereas the final bonding strength is achieved after around 24 hours.

Butyl Cold Shrink Tape is in compliance with the requirements of VDI 6022, supplementary sheet 1 and is suitable for application in ventilation and air conditioning equipment.

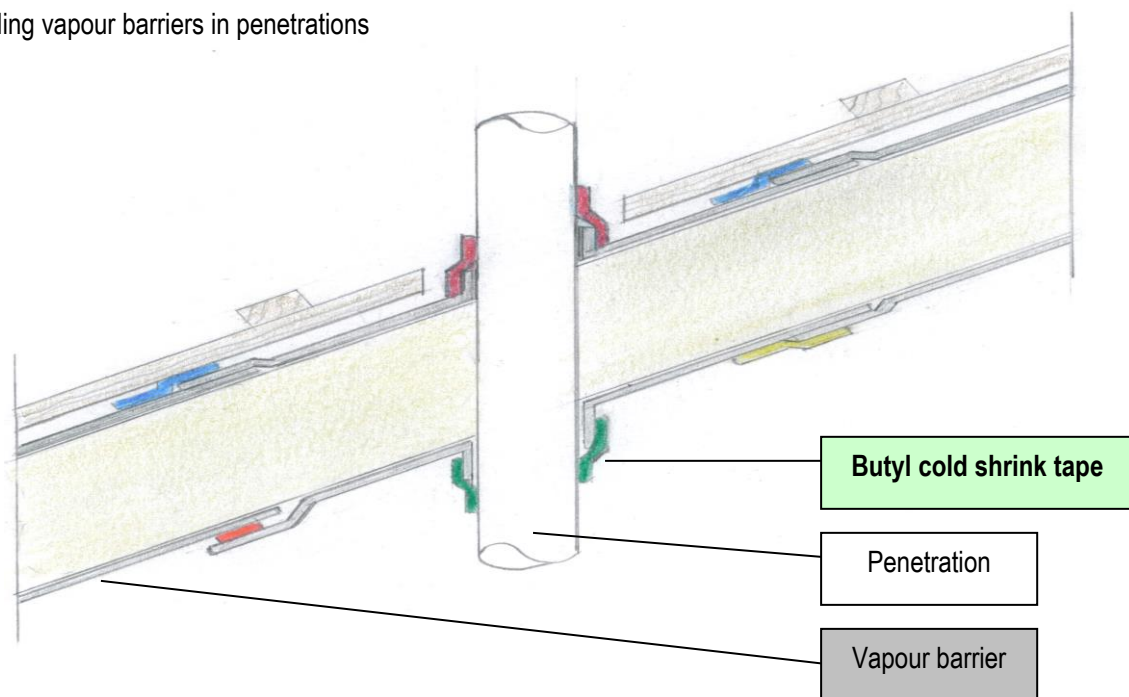
Application areas:

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. Butyl cold shrink tape is meant for indoors; we recommend our aluminium or lead butyl tapes for outdoors.

Technical data:

Thickness	approx. 0.6 mm	
Colour	grey or silver	
Width	10 mm to 1000 mm	
Elongation at break	165 %	ASTM D 882
Tensile strength	23 N / mm ²	ASTM D 882
loop tack	≥ 33 N	ASTM D 6195
Peel adhesion 180 °	≥ 11 N / 10mm	ASTM D 3330
Density	≥ 1.3 g / cm ³	
Solids content	100 %	
Temperature resistance	- 20 °C to + 70 °C	
Processing temperature	+ 5 °C to + 30 °C	
Reaction to fire	B2 normal inflammable	DIN 4102, internal

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 Butyl cold shrink tape are mounted, the Butyl cold shrink tape is UV-stable.

Storage:

12 months after date of manufacture in the closed original container at max. 30 °C, protected against moisture. The storage location must be correctly ventilated. The backing paper is inclined to stick to the butyl adhesive, if the storage temperature exceeds 30 °C.

Safety:

Keep away from children. In case of doubt, consult the safety data sheet.

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils