



ASB COLD SHRINK TAPE

FIXING & SEALING

ASB COLD SHRINK TAPE is a heavy duty, self-vulcanizing duct sealing tape. It has an aluminium backing and a strong self-bonding layer (adhesive). **ASB** provides a sure and lasting moisture proof and sealing proof barrier against weather influences. It is impervious to wind, rain and snow when properly applied.

ASB TAPE is waterproof tape but is not recommended to be all the time submerged in the water, because the aluminum foil (outer layer of the tape) will oxidize in the water, in that case leakage could occur. **ASB TAPE** could be applied over **PSB TAPE**. The top layer of the **ASB TAPE** is UV-prove.

CONSTRUCTION:

ASB consists of an elastomeric, modified butyl rubber adhesive, laminated with an 0.04 mm thick aluminum foil and covered by a 0.07 mm thick silicone treated foil liner. It is available in a thickness of 1.0 (standard) and 0.8 mm.

APPLICATION:

- **Indoor and outdoor air duct sealing;**
- It's all weather resistance is excellent,
- It can also be used for roof flashing and repair jobs;
- Upon hand application,
- It instantly provides a sure, watertight and airtight bond which grows stronger with time;
- No special skill is required;
- Drying or heating is not needed;
- The tape should be pressed down firmly;
- The work period can be substantially reduced;
- Can be over painted and adheres to metal, concrete, stone, plastic, wood ect.

SPECIFICATIONS

Article code:	ASB7{width}
Standard length:	15 mtr $\pm 5\%$
Standard width:	50, 75 and 100 mm $\pm 1\%$
Operating temperature:	-20 °C to 70 °C
Processing temp.:	+5°C / +35°C
Operating pressure:	up to +2000 Pa
Initial tack:	immediately / direct
Adhesion:	max. > 24h
Bond strength:	$\leq 30,9 \text{ N/25mm}^2$
Peel strength 180°:	$\leq 16,2 \text{ N/10mm}$
Solids:	100%
Density:	$\geq 0.9 \text{ g/cm}^3$
Tensile:	50 N/mm^2
Elongation at break:	3%
Water Penetration:	None

CLASSIFICATIONS

DE (DIN 4102): B2

STORAGE

ASB has a lifespan of two years if stored between 5 °C and 35 °C and the packaging is kept dry and sealed.

USERS GUIDE

The product adheres completely within 24 hours. The adhesion to galvanized steel is 2.0 kg/cm if the surface is dry and fat- and dust-free. The adhesion will be most effective if the tape is pressed firmly.

Surfaces must be clean and free of moisture and foreign contamination; a remote trace of moisture will seriously affect adhesion.

The application temperature must be higher than 5°C. Particularly when the tape is going to be attached at a lower temperature it should be pressed firmly.

Apply on round and square ducts. If the duct has a diameter greater than 250 mm, some clearance between the ducts can be expected due to the tolerance. We advise to use only width 75 mm or wider. Use an overlap of 5 cm or larger.

LIABILITY:

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PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

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