



## PSB COLD SHRINK TAPE

FIXING & SEALING

**PSB COLD SHRINK TAPE** is a heavy duty self vulcanising duct sealing tape; it is developed to meet industry's increasing demand for airtight ducts. The method of application will save up 80% on labour costs over other methods and provides an excellent airtight seal. **Only for indoor use !**

### CONSTRUCTION:

PSB consists of a compound of an elastomeric, pressure sensitive adhesive. It is laminated with an extendable 0.03mm thick polyethylene foil and further covered by a paper release liner.

Thickness: 0.95mm ( $\pm 3\%$ ) (also available 0.8MM)

Backing: PE dark grey color.

### APPLICATION:

- The airduct sealing; special recommended for round or oval ducts;
- The tape has an immediate high "tack" and bonds within 24 hours;
- Once applied the tape provides a superb adhesion on galvanized or aluminum;
- For maximum adhesion the surface must be clean and free of moisture and foreign contamination (commercial clean);
- A remote trace of moisture will seriously affect adhesion;
- Do not stretch over 8%;
- The tape should be pressed down firmly.
- Please read our application instructions as enclosed in the packing carefully.

### SPECIFICATIONS

Article code:	PSB3{width}
Standard length:	15 mtr $\pm 5\%$
Standard width:	50, 75 and 100 mm $\pm 1\%$
Operating temperature:	-20 °C to 60 °C
Operating pressure:	up to +4000 Pa (at 20°C)

### CLASSIFICATIONS

DIN 4102:	B2
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### STORAGE

**PSB** 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 3.6 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.

Applicate mainly on round ducts. A max stretch of 3% is allowed and will help the tape to set itself on the duct. If the duct has a diameter >250mm, some clearance between the ducts can be expected due to the tolerance; we advice to use only **ASB** width 75mm or wider. Use an overlap of 5cm or larger.

**Do not use PSB for outdoor applications !**

### 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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