

[illegible]

ATC SEAL 30-23-17 does not contain Asbestos, Lead, Mercury or Mercury compounds.
ATC SEAL 30-23-17 is highly recommended in application where fibrous glass and other types of
insulations are bonded to the interior or exterior of metal duct systems.

COLD SHRINK BAND



ASB

ASB - 700 SERIES



Description

Cold Shrink Tape is a heavy duty self vulcanizing pressure sensitive, all weather tape incorporating an aluminum foil backing.

Construction:

The tape has been built up out of 2 layers. The outer layer is an aluminum-foil with a thickness of 40 microns and provides adhesion and good processing. The inner layer consists of a butyl rubber sealing coat, adhering to each surface. The sealing coat has been covered with polyethylene layer. The total thickness is 0.95mm.

Applications:

ASB - 700 can be used for the sealing of: ducting, glazing, bars, roof, flashing, gutters and downpipes, brickwork joints, concrete and asbestos roofs.

Advantages:

- It has an excellent all weather resistance and provides a positive watertight bond that gets stronger with age. The tape is impervious to wind, rain and snow when correctly applied.

- ASB - 700 can be overpainted without any special preparation.

- The bonding surface must be commercially clean and free of moisture. The tape should be pressed down firmly when applied, the ease of application should reduce labour costs substantially over other methods.

Specifications

Backing:

0.1mm Aluminum Foil

Adhesive:

0.85mm Elastomeric Sensitive

Temperature Range:

-40 °C to +80 °C.

Application Temperature:

-5 °C to +80 °C.

Working Pressure:

Max. 200mm WG (1960 Pa. Or 7.8" WG)

Flexibility:

Excellent

Water Resistance:

Excellent once applied (surface must be dry before application).

Adhesion:

The product adheres completely within 24 hours. The adhesion to galvanized steel is 2.0 kg/cm if the surface is dry, fat free and dust free.

Fire Resistance:

After testing the tape has been classified into class B2, according to DIN 4102.

Storage:

ASB has a lifespan of one year if the packaging is dry and sealed.

Packing

Standard Length:

15 meter per roll

Type:

ASB 7050 - 24 rolls/carton - 50 mm wide
ASB 7075 - 16 rolls/carton - 75 mm wide
ASB 7100 - 12 rolls/carton - 100 mm wide



TWO COMPONENT SEALING SYSTEM

FS - 2000
DEC 50 TAPE

FS - 2000
DEC 50



Description

DEC Cast Two Component Sealing System, FS - 2000 is a non-flammable adhesive, to be used in conjunction with DEC cast type DEC - 50 duct tape, to seal low, medium and high pressure HVAC duct systems. It forms an effective airtight seal and can also be used for pipe covering. FS - 2000 is fast, easy to apply and adheres to metal, plastic, wood, glass, plaster, cement and most other porous materials. A special adhesive applicator is available for ease of use.

Applications:

FS - 2000 and DEC 50 tape is easily applied and suitable for use on high/medium/low pressure interior galvanized systems of spiral ducting, rectangular ducting and plenums. It also effective and has good adhesion of plastic, wood, glass, plaster, cement and most porous materials. Torn and damaged lagging can also be repaired to give a permanent cover.

Advantages:

- When the liquid applicator is applied to the tape a chemical action takes place and it becomes soft and pliable. It can then be applied around/over the area to be sealed. There is no requirement to clean the surface before application as it is can adhere to both damp and greasy areas.

- It is non-toxic and non-flammable in both 'wet' and 'dry' condition and can be applied in temperatures of 10 °C. It can bond equally well over semi-rigid (insulated materials) or rigid (ducting piping, valves, etc.) surface and will conform to almost any irregular shape to provide a 100% airtight seal.

- The seal will not deteriorate with age or being in contact with salt, oil, grease, petroleum, solvents or cleaning compounds. It will also resist 'mildew' and high humidity 'rot'.

Specifications

General:

The FS - 2000 and DEC 50 tape 'two component' system achieves its high bonding property through a chemical reaction when the activator is applied to the tape. This reaction creates a semi-solid 'cast' which is impervious to moisture and most acids. After a short drying period it sets into an effective seal, that will be unaffected by temperature changes.

Temperature Range:

40 °C to +120 °C.

Application Temperature:

Upwards of -10 °C.

Working Pressure:

Max. 400mm WG (4000 Pa or 16" WG)

Elongation:

Limited

Flexibility:

Permanent

Water Resistance:

Very Good

Drying Time:

4 to 24 hrs. dependent on temperature and humidity.

Color

Grey

Packing

FS-2000 Adhesive - 4 liters can, 3 cans per box
DEC 50 Tape - 90m long x 75mm wide,
5 rolls per box.

GASKET TAPE



Description

Gasket Tape (GT) is particularly appropriate to circumstances where a longlife in combination with a high air humidity resistance and chemical inertness is required. The tape is hardly subject to decay. The tape has also a thermic insulating character. It is often used as a ceiling material in ventilation systems and machine building.

Construction:

The tape has been manufactured out of polyethelene foam with one side self adhesive. The elongation is about 40% (DIN 53577).

The tape has not been provided with a protection layer.

Specifications

Temperature Range:

-30 °C up to 80 °C.

Color:

Grey

Adhesion:

The adhesion is 1,0kg/2.5cm if the surface is fat free and dust free.

Fire Resistance:

Classified in class B3 according to DIN 4102 (Germany).

Storage:

GT Tape has a lifespan of one year at room temperature if the packaging is sealed.

Packing

Standard Length:

10 meter per roll

Type:

GT 4/12 mm: 4 mm thick, 12 mm wide, 10 rolls per bag
GT 6/19 mm: 6 mm thick, 19 mm wide, 10 rolls per bag

Other widths and thicknesses are available on request.



SELF ADHESIVE NEOPRENE GASKET



Description

ET is an EPDM/Neoprene modified elastomeric closed cell self-adhesive foam gasket tape for cooling and heating air duct joint connections to prevent air leakage, reduce vibration/noise and also serves as thermal insulation to prevent condensation and heat transfer. With acrylic pressure sensitive adhesive. ET is easily installed on the surface of the connection joint.

Specifications

Material:

EPDM/Neoprene modified closed cell sponge

Service Temperature:

-40 degrees °C. up to 120 degrees °C.

Color:

Black

Density:

8-11 lbs/ft³ (0.13 - 0.18g./cm³)

Tensile Strenght:

Min. 50 PSI (3.5kg/cm²)

Thermal Conductivity:

0.35 BTU. in/ft² h °F at 75 °F (0.050 W/mK @24 °C)

Adhesive:

Acrylic Pressure Sensitive Adhesive.

Flammability:

- Class HB: UL-94
- Self-Extinguishing: ASTM D 635
- B2: DIN 4102
- Non-Flammable: JIS K 6911

Packing

Standard Length:

10 meter per roll

Type:

ET052010: 5 mm thick, 20 mm wide

Other widths and thicknesses are available on request.

DUCT SEALANT



DS - 32 - 17



Description

DS - 32 - 17 duct sealant is fire retardant, non-toxic, aqueous, vapor barrier sealant for use in HVAC low, medium and high pressure air duct systems. It has an excellent adhesion to galvanized steel, stainless steel and aluminum. It is highly recommended in application where fibrous glass and other types of insulations are bonded to the interior or exterior of metal duct systems. It does not contain asbestos, lead, mercury or mercury compound which will be harmful to health.

Applications:

DS - 32 - 17 duct sealant can be used for sealing slip joints and flange joints of rectangular ducts, flat oval ducts or spiral ducts and plenums. It is highly recommended for use in sealing longitudinal seams of rectangular ducts and plenums. It can be applied easily by means of cartridge gun.

Advantages:

DS - 32 - 17 duct sealant with high resistance to mold, mildew, water, oil, grease, diluted alkalis, acids and temperature changes which provides a very good combination of flexibility and strength is highly recommended in sealing application for positive or negative low, medium and high pressure air duct systems. It performs as tough and flexible adhesive and sealant, forming a durable seal against air leakage.

Installation

When cartridge gun will be used, it is recommended to stroke the duct sealant to make sure to get a good adhesion for the best result. However, it is advisable to clean the surface of ducts before application of sealant to attain best result. DS - 32 - 17 is waterbased duct sealant without any solvents; hands and tools can be cleaned with water.

Specifications

Color:

Grey

Weight:

455 grams/cartridge

Solids:

77% ± 1.5%

Laboratory Test Pressure:

Up to 10 inch W.G. (2500 Pa)

Application Temperature:

+5°C to 40°C

Service Temperature:

-10°C to 120°C

Storage Temperature:

Store in cool and dry place about 20°C.

Drying Time:

4 - 24 hours

Coverage:

40 - 55 ft²/gal

Flash Point:

Non-Flammable

Water Resistance:

High Resistance to Water

Packing

1 box of DS - 32 - 17 = 24 cartridges, 455 grams each.

