



Idenden T100

SELF-ADHESIVE REINFORCED FOIL TAPE

TECHNICAL SHEET NO: TDS00652 18/02/2025

SMART ADVANTAGES

- Fire tested
- Reinforced with 12mm² glass scrim
- High-tack adhesive


DESCRIPTION

Bostik T100 Self-Adhesive Reinforced Foil Tape is part of the market leading range of products for the heating, ventilation and air conditioning sectors. Bostik T100 is manufactured to the highest specifications. Bostik T100 is a bright aluminium foil tape reinforced with 12mm² glass scrim and kraft paper. The tape is coated with a high tack rubber/resin adhesive system and protected by a removable release paper. The reinforced foil improves mechanical damage resistance and is ideal for matching the foil finish on insulation.

It is easy to apply, exhibiting instant adhesion and can be moulded to any profile. The final bond has high shear strength and the foil promotes the optimum balance of surface conformity and tensile strength. This makes it ideal for lap sealing foil faced insulation materials, metal and duct sealing and other general-purpose applications.



TECHNICAL CHARACTERISTICS

Finish	Bright aluminium foil tape reinforced with 12mm ² glass scrim and kraft paper
Adhesive	Rubber/resin
Release paper	High quality siliconised paper
Application temperature	Above +5°C
Service temperature	-10°C to +90°C (depending on operating conditions)
Peel adhesion to steel	Initial: 20 to 25N/25mm 24 hours: 25 to 30N/25mm (approx.)
Fire tests	Independently tested to BS 476: Part 7 – Class 1 When tested as supplied and applied to calcium silicate board. Results will vary when applied to other substrates UL Classified General Use Tapes R38033  Surface burning characteristics of building materials, UL723 Applied to inorganic reinforced cement board+

	<p>Flame spread 5 Smoke developed 10 + - Tested in two 76mm (3 in.) wide longitudinal strips spaced 203mm (8 in.) OC. (Tape coverage: 30 percent of the exposed test sample area.)</p> <p>Bostik T100 Self-Adhesive Reinforced Foil Tape meets the requirements of NFPA 90A and 90B (2018 edition) for a flame spread index of less than 25 and a smoke developed index of less than 50, when tested to ANSI/UL 723, Standard for Test for Surface Burning Characteristics of Building Materials by Underwriter's Laboratories</p>
VOC testing	<p>Bostik T100 Self-Adhesive Reinforced Foil Tape showed low VOC contents in a test specified in LEED 2009 EQ c 4.1 (adhesives and sealants). The VOC content is below the limit value specified as 30 grams/litre (less water) for 'Metal to Metal Adhesives': VOC g/l: 16</p>

APPLICATION

IMPORTANT: Before using Bostik T100 Self-Adhesive Reinforced Foil Tape, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

- Surfaces to be bonded must be clean, dry and free from dust, grease and loose materials. If necessary, wipe surfaces sparingly with a cloth dampened with a ketone-free cleaner and allow to dry for at least an hour before tape application.
- The butt joints of rigid insulation boards should be positioned together without gaps to ensure an adequate bond. Insulation boards must be mechanically fixed to avoid movement of the boards.
- Select a tape width suitable for the application. A width of 50mm is suitable for closely positioned, flat sections. Otherwise, select a tape the thickness of the insulation plus 50mm to allow for the exposed cut edge.

APPLICATION

- Remove the release paper from a section of the tape, taking care not to touch the adhesive surface. Align the tape centrally over the joint. Pull the tape taut and then press down well over the entire joint area. Rub the tape with a relevant tool to remove any wrinkles or folds.

STORAGE

- Store for up to 12 months from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +10°C to +30°C and out of direct sunlight. Protect from frost.

PRECAUTIONS IN USE

Bostik T100 Self-Adhesive Reinforced Foil Tape is intended for joint sealing applications only and is therefore not suitable for use where the joint is subject to mechanical stress. In this instance, insulation should be fixed using a suitable adhesive or hanger system.

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik T100 Self-Adhesive Reinforced Foil Tape, available at www.bostik.com/uk.

PACKAGING

Product codes	30813003	45m x 75mm x 16
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