



# Idenden T303

## SELF-ADHESIVE BRIGHT FOIL TAPE

TECHNICAL SHEET NO: TDS00654 17/03/2023

### SMART ADVANTAGES

- Fire tested
- Consistent performance
- High tack adhesive

### DESCRIPTION


Bostik T303 Self-Adhesive Bright Foil Tape is a market-leading product for the heating, ventilation and air conditioning & asbestos abatement sectors. The high standards of reliability, strength and durability mean it is used for diverse applications in many other sectors, for example process plant, marine and offshore. Bostik T303 is manufactured to the highest specifications and is coated with a high tack rubber/resin adhesive system and protected by a removable release paper.

Bostik T303 provides excellent performance, maintaining insulation efficiency by protecting against the effects of fire, moisture and dust. 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, asbestos abatement tenting and other general-purpose applications.



### TECHNICAL CHARACTERISTICS

<b>Finish</b>	Bright aluminium foil
<b>Adhesive</b>	Rubber/resin
<b>Release paper</b>	High quality siliconised paper
<b>Application temperature</b>	Above +5°C
<b>Service temperature</b>	-10°C to +90°C (depending on operating conditions)
<b>Ultimate tensile strength</b>	Approximately 90N/25mm <sup>2</sup> (aluminium only)
<b>Elongation</b>	Minimum 7% (approx. - aluminium only)
<b>Peel adhesion to steel</b>	Initial: 20 to 25N/25mm 24 hours: 25 to 30N/25mm (approx.)
<b>Fire tests</b>	Independently tested to BS 476: Part 6 – Pass Part 7 – Class 1 Building Regulations: Class 0  When tested as supplied, and applied to calcium silicate board. Results will vary when applied to other substrates

	<p>UL Classified General Use Tapes R38033</p>  <p>Surface burning characteristics of building materials, UL723</p> <p>Applied to inorganic reinforced cement board+ Flame spread 5 Smoke developed 15 + - Tested in two 102mm (4 in.) wide longitudinal strips spaced 203mm (8 in.) OC. (Tape coverage: 44 percent of the exposed test sample area.)</p>
	<p>Bostik T303 Self-Adhesive Bright 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>
<b>VOC testing</b>	<p>Bostik T303 Self-Adhesive Bright 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: 2</p>

## APPLICATION

**IMPORTANT:** Before using Bostik T303 Self-Adhesive Bright Foil Tape, refer to the relevant Health & Safety Data Sheet, available at [www.bostik.com/uk](http://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 such as EVO-STIK Cleaner 4 and allow to dry for at least an hour before tape application.
- The butt joints of insulation sections should be positioned together without gaps to ensure an adequate bond.
- 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 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 T303 Self-Adhesive Bright 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](http://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 T303 Self-Adhesive Bright Foil Tape, available at [www.bostik.com/uk](http://www.bostik.com/uk).

## PACKAGING

Product codes		
30140160	45m x 50mm x 24	
30140161	45m x 75mm x 16	
30812998	45m x 100mm x 12	

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