

IDENDEN T303, T249 AND T78 SELF-ADHESIVE BRIGHT FOIL TAPE

Idenden T303, T249 and T78 Self-Adhesive Bright Foil Tapes are the market leading products for the heating, ventilation and air conditioning and asbestos abatement sectors. Their high standards of reliability, strength and durability mean they are now used for diverse applications in many other sectors, for example process plant, marine and offshore. Idenden Self-Adhesive Tapes are manufactured to the highest specifications and include: Idenden T303, T249 and T78 - nominal 30, 40 and 50 micron bright aluminium foil tapes, coated with a high tack SIS/SBS adhesive system and protected by a removable release paper. Idenden T303 is the first choice of contractors and specifiers and is ideal for most hvac applications. Idenden T249 is particularly suitable for asbestos abatement applications. The strength and durability of Idenden T78 lends itself to more critical applications. Idenden Self-Adhesive Tapes provide unrivalled performance, maintaining insulation efficiency by protecting against the effects of fire, moisture and dust. The products are 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 them ideal for lap sealing foil faced insulation materials, metal and duct sealing, asbestos abatement tenting and other general purpose applications.

Features

- High standards of reliability, strength and durability
- High tack adhesive
- Consistent performance over a wide temperature range
- Class 0 compliance

Product Characteristics

General	Finish	T303	T249	T78
		Nominal 30 micron bright aluminium foil	Nominal 40 micron bright aluminium foil	Nominal 50 micron bright aluminium foil
	Adhesive	SIS/SBS	SIS/SBS	SIS/SBS
	Release paper	High quality siliconised paper	High quality siliconised paper	High quality siliconised paper
Packaging	Standard roll length:	45m	45m	45m
	Standard roll width:	50, 75 and 100mm	50, 75 and 100mm	50 and 75mm
Shelf life / storage	At least 12 months from date of manufacture when stored in a dry place within the temperature range +10°C and +30°C. If stored in particularly cold conditions, tape adhesion may be improved by storing the tape at room temperature for 12 hours before use.			
Typical Performance Data	Service temperature	-10°C to +80°C	-10°C to +80°C	-10°C to +80°C
	Application temperature	+5°C (minimum)	+5°C (minimum)	+5°C (minimum)
	Reaction to fire	Class 0 compliance: Independently tested to BS476 Part 6 and Part 7 – Class 1		
	Tensile strength	60-65 N/25mm	65-70 N/25mm	70-75 N/25mm
	Elongation	3-5%	5-7%	7-10%
	Peel adhesion to steel	<i>Initial:</i> 29 N/25mm	<i>Initial:</i> 29 N/25mm	<i>Initial:</i> 29 N/25mm
		<i>24 hours:</i> 38 N/25mm	<i>24 hours:</i> 38 N/25mm	<i>24 hours:</i> 38 N/25mm
	Water vapour transmission	ASTM B479 95 0.015 g/m ²	ASTM B479 95 0.015 g/m ²	ASTM B479 95 0.015 g/m ²

Directions for use

IMPORTANT

Before embarking on any work involving Idenden Self-Adhesive Tapes, the separate Safety Data Sheet should be carefully studied by those carrying out the work.

1. 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 8 and allow to dry for at least an hour before tape application.

2. The butt joints of insulation sections should be positioned together without gaps to ensure an adequate bond.
3. Select a tape width suitable for the application. A width of 50 mm is suitable for closely positioned, flat sections. Otherwise, select a tape the thickness of the insulation plus 50 mm to allow for the exposed cut edge.

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4. 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.

NOTE: Idenden Self-Adhesive Tapes are intended for joint sealing applications only and are 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.

Precautions in Use

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate health and safety data sheet for Idenden Self Adhesive Tapes.

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