

PRODUCT DATA

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IDENDEN T301 SELF-ADHESIVE REINFORCED FOIL TAPE

Idenden T301 Self-Adhesive Reinforced Foil Tape is part of the market leading range of products for the heating, ventilation and air conditioning sectors. Idenden T301 is manufactured to the highest specifications. Idenden T301 is a bright aluminium foil tape reinforced with 5 mm² glass scrim. 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. Idenden T301 provides unrivalled 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 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

Finish	Bright aluminium foil tape reinforced with 5mm ² glass scrim
Adhesive	Rubber/resin
Release paper	High quality siliconised paper
Packaging	Cartons of 24 x 50mm rolls of 45m length and 16 x 75mm rolls of 45m length
Shelf life/storage	At least 12 months from date of manufacture when stored in a dry place within the temperature range +10°C to +30°C.

Typical Performance Data (approx.)

Service temperature	-10°C to +90°C
Application temperature	-5°C (minimum)
Reaction to fire	Class 0 compliance
Ultimate tensile strength (approx.)	80 N/25mm (aluminium only)
Elongation (approx.)	8-11% (aluminium only)
Peel adhesion to steel (approx.)	<i>Initial:</i> 20-25 N/25mm <i>24 hours:</i> 25-30 N/25mm

Water vapour

ASTM B479 95 0.015 g/m²

Directions for use

IMPORTANT

Before embarking on any work involving Idenden T301 Self-Adhesive Reinforced Foil Tape, 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 4 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.
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 T301 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.

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 T301 Self-Adhesive Reinforced Foil Tape.

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