



## ALU-R TAPE

FIXING & SEALING

**ALU-R TAPE** is a glass-fibre reinforced aluminium-tape appropriate to sealing in air conditioning systems and insulation operations.

### CONSTRUCTION:

Finish: Bright aluminium foil tape reinforced with 5mm<sup>2</sup> glass scrim

Adhesive: Rubber/resin

Release Paper: High quality siliconised paper

### PREPARATION

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 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.

### APPLICATION

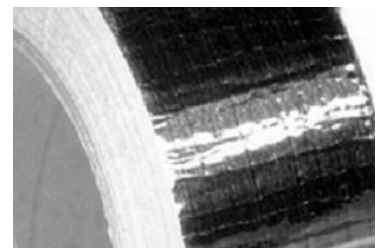
4. Remove the release paper from a section of the tape, taking care not to touch the adhesive surface. Align the tape centrally over the joint. Pull the tape taut and then press down well over the entire join.

### PRECAUTIONS IN USE

Reinforced ALU 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.

### SPECIFICATIONS

Article code:	ALU{width}R
Standard length:	45 mtr
Standard thickness:	22-28 microns (uncoated foil)
Standard width:	050 and 075mm (100mm on request)
Application temperature:	Above +5 °C
Service temperature:	-10 °C to 90 °C Depending on operating conditions
Operating pressure:	up to +1000 Pa



### CLASSIFICATIONS

UK (BS476): Part 6 (Pass) & 7(Class1) & Building regulations: Class 0

### STORAGE

#### ALU-R TAPE

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

### ADHESION

Peel adhesion to steel: Initial: 20 - 25 N/25mm, 24 hours: 25 - 30 N/25mm

Ultimate Tensile Strength: Approximately 90 N/25mm<sup>2</sup> (aluminium only)

**Surfaces must be clean and free of moisture and foreign contamination; a remote trace of moisture will seriously affect adhesion.**

### LIABILITY:

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### PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

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