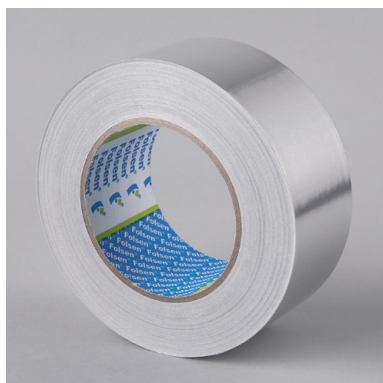


## 074504 High-temperature aluminium tape (t resistance up to +150 °C)



### Description:

A nominal 36 micron (1.4 mil) high tensile strength aluminum foil backing, combined with a flame retardant cold weather acrylic adhesive, protected by an easy-release silicone release paper.

### Features:

- Aluminum backing provides excellent reflection of both heat and light
- Cold weather adhesive with moderate adhesion offers good sealing and bonding on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork application
- Good aging resistance both indoors and outdoors
- Low moisture vapor transmission rate offers excellent sealing and patching performance

### Typical physical properties:

| Properties           | Metric          | English         | Test Method              |
|----------------------|-----------------|-----------------|--------------------------|
| Backing Thickness    | 36 Micron       | 1.4 Mil         | PSTC-133 / ASTM D 3652   |
| Total Thickness      | 76 Micron       | 3.0 Mil         | PSTC-133 / ASTM D 3652   |
| Adhesion to Steel    | 12 N/25 mm      | 43.2 Oz./In.    | PSTC-101 / ASTM D 3330   |
| Tack Rolling Ball    | 5 cm            | 2.0 In.         | PSTC-6 / ASTM D 3121     |
| Tensile Strength     | 50 N/25 mm      | 11.4 Lb/In      | PSTC-131 / ASTM D 3759   |
| Elongation           | 3.0 %           | 3.0 %           | PSTC-131 / ASTM D 3759   |
| Service Temperature  | -35 ~ +150 °C   | -31 ~ +302 °F   | -----                    |
| Applying Temperature | -20 ~ 40 °C     | -4 ~ +105 °F    | -----                    |
| Fire rating          | 25/50 & Class 0 | 25/50 & Class 0 | UL 723 & BS476 Pt. 6 & 7 |

### Typical applications:

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. General purpose holding, patching, sealing and masking applications – indoors and outdoors.

### Storage and shelf life:

12 months when stored at 21 °C (70 °F) / 50 % relative humidity out of direct sunlight

### Tolerance:

Weight and Thickness:  $\pm 10$  %; Width:  $\pm 3$  mm; Length: Cut Roll:  $\pm 0.3$  m

### Surface preparation:

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

### Remark:

Above figures are for reference and cannot be treated as warranties. Customers are advised to test the material to determine the suitability against intended applications.

### IMPORTANT NOTICE TO PURCHASER

All statements technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and assume all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacture.