

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: ±10 %; Width: ±3 mm; Length: Cut Roll: ±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

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