Technical Data Sheet

Cold Weather Aluminum Foil Tape

Product description

A nominal 30 micron (1.2 mil) high tensile strength aluminum foil backing, combined with a 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	30Micron	1.2 Mil	PSTC-133 / ASTM D 3652
Total Thickness	70Micron	2.8 Mil	PSTC-133 / ASTM D 3652
Adhesion to Steel	15 N/25mm	54 Oz./In.	PSTC-101 / ASTM D 3330
Tack Rolling Ball	5 cm	2.0 In.	PSTC-6 / ASTM D 3121
Tensile Strength	45 N/25mm	10.2 Lb/In	PSTC-131 / ASTM D 3759
Elongation	3.0 %	3.0 %	PSTC-131 / ASTM D 3759
Service Temperature	-35 +120 C	-31 ~ +248 F	----------
Applying Temperature	-20~ 40 C	-4~ +105 F	----------

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.

Size Available

Cut Roll: 48 / 50mm (2") / 60 / 63mm (2.5") / 72 / 75mm (3") / 96mm / 100mm (4")

Storage & Shelf life

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

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.

Product Use

It is essential that the user evaluate the product to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on our products between +10 ~ +40°C (+50 ~ +105 F).

Disclaimer:

All statements, technical information and product recommendations are based on tests in our laboratories we believe to be reliable. In all cases the user should however determine the suitability of the product for his intended use and user assumes all risk and liability whatsoever in connection therewith. Neither seller or manufacturer shall be reliable for any loss or damage – direct, incidental or consequential – arising from the use of the product. Details of test methods are available on request.