

TECHNICAL DATA SHEET ALUMINIUM TAPE

DESCRIPTION

A nominal 30 micron (1.2 mil) high tensile strength aluminum foil backing, combined with a high performance solvent acrylic adhesive, protected by an easy-release silicone release paper.

APPLICATION AND CONSUMPTION

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

KEY BENEFITS

- Aluminum backing provides excellent reflection of both heat and light.
- High quality adhesive with strong adhesion and holding power offers permanent 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.

TECHNICAL PROPERTIES

DESCRIPTION	UNITS	VALUE	TEST METHOD
Backing Thickness	Micron	30	PSTC-133/ASTM D 3652
Total Thickness	Micron	70	PSTC-133/ASTM D 3652
Adhesion to Steel	N/25mm	20	PSTC-101/ASTM D 3330
Tack Rolling Ball	cm	15	PSTC- 6/ASTM D 3121
Tensile Strength	N/25mm	45	PSTC-131/ASTM D 3759
Elongation	%	3.0	PSTC-131/ASTM D 3759
Service Temperature	° C	- 30 ~ + 120	-----
Applying Temperature	° C	-10 ~ + 40	-----

RECOMMENDATIONS

Storage and 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 evaluates the IT3, S.A. 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 It3 S.A. products between +10 ~+40°C (+50 ~ +105 °F).

The data above are typical values only, and should not be used for specifications purpose. Tolerance: Weight and Thickness: $\pm 10\%$;

Width: $\pm 3\text{mm}$; Length: Cut Roll: $\pm 0.3\text{m}$, Jumbo Roll $\pm 0.5\%$.

PRESENTATION

Roll: 50 mm x 10 mts.

Boxes: 40 units.

Roll: 50 mm x 45 mts.

Boxes: 24 units.

Roll: 75 mm. x 45 mts.

Boxes: 16 units.

RECOMMENDATIONS OF MANAGEMENT RESIDUES

Recommending for reason at the content of recipient, to deliver this recipient at a management residues person authorized for its destruction or its recuperation, as well as anything element to throw out that it was with contact with this product.

NOTE

The information supplied in this Specification Sheet is of general type following our experience. We cannot take responsibility by an inadequate use of the product.