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Aluminium smooth tape ISO002

PRODUCT DESCRIPTION

A nominal 25 micron (1.0 mil) high tensile strength aluminum foil backing, combined with a cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

Manufactured in accordance with ISO9002 standards.

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	25 Micron	1.0 Mil	PSTC-133 / ASTM D 3652
Total Thickness	60 Micron	2.4 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	40 N/25mm	9.1 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.

PRODUCT FORM & SIZE AVAILABLE

Cut Roll: 48mm, 72mm, 96mm.

IMPORTANT NOTE

1. The data above are typical values only, and should not be used for specifications purpose.
2. Tolerance: Weight and Thickness: 10%; Width: 3mm; Length: Cut Roll: 0.3m, Jumbo Roll 0.5%.

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.