

TECHNICAL DATASHEET

30µ Aluminium Foil Tape



DESCRIPTION

30 Micron (1.2 mil) high tensile strength aluminium foil backing, combined with a cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

FEATURES

- Class "O" Fire Retardant.
- Aluminium backing provides excellent reflection of both heat and light.
- Cold weather adhesive with high adhesion offers good sealing and bonding on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork application.
- Good ageing resistance both indoors and outdoors.
- Low moisture vapour transmission rate offers excellent sealing and patching performance.

APPLICATIONS

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fibreglass 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.

TECHNICAL PROPERTIES

PROPERTIES	METRIC	IMPERIAL	TEST METHOD
Backing Thickness	40 Micron	1.6 Mil	PSTC-133 / ASTM D 3652
Total Thickness	80 Micron	3.2 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°C to +120 °C	-31°F to +248 °F	-----
Application Temperature	-20°C to +40 °C	-4°F to +105 °F	-----

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.

IMPORTANT

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