

TECHNICAL DATASHEET

Black Aluminium Foil Tape



DESCRIPTION

Black Matt Lacquered 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

- Black Matt finish to match FSK Faced Ductwork and Pipe Insulation.
- 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
Black Coating	5 Micron	0.2 Mil	PSTC-133 / ASTM D 3652
Backing Thickness	30 Micron	1.2 Mil	PSTC-133 / ASTM D 3652
Total Thickness	70 Micron	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°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

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. Tektape and its agents cannot assume liability or responsibility for results obtained in the use of its products by persons whose methods are outside or beyond our control. It is the users responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in our literature and furthermore the users responsibility to observe and adopt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products. Sellers & Manufacturers only obligation shall be to replace the product proven to be defective.