

BondTape

High Quality

AF3006

Aluminum Foil Tape

PRODUCT DESCRIPTION

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

FEATURES

- Aluminum backing provides excellent reflection of both heat and light.
- High quality adhesive with super strong adhesion and holding power offers reliable and durable Foil-Scrim-Kraft Facing joints and seams sealing in HVAC ductwork application.
- Low moisture vapor transmission rate makes **BondTape AF3006** an excellent vapor barrier.
- Service Temperature range from -20° to +80°C (-4° to +176°F).

TYPICAL PHYSICAL PROPERTIES

PROPERTIES	METRIC	ENGLISH	TEST METHOD
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	18 N/25mm	64.8 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	-20 ~ +80 °C	-4 ~ +176 °F	-----
Applying Temperature	+10 ~ 40 °C	+50 ~ +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. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

PRODUCT FORM & SIZE AVAILABLE

Cut Roll: 48 / 50mm (2") / 60 / 63mm (2.5") / 72 / 75mm (3") / 96mm / 100mm (4")
Log Roll: 1200mm x 45 / 50m **Jumbo Roll:** 1200mm x 1200m / 1350m

IMPORTANT NOTE

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

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.

PRODUCT USE: It is essential that the user evaluate the **BondTape** 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 **BondTape** products between +10 ~ +40°C (+50 ~ +105 °F).

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