SMART TRADING ASIA (PVT) LTD

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Aluminum Foil Tape - AF2205

Aluminium tape, commonly termed as foil tape, is highly applicable for electrical, construction, and even HVAC. For areas with extensive exposure to moisture and chemical, thermal conductivity, heat, flame, and light. Aluminium tape works wonders by showing its resistance characteristics and withstanding all sorts of temperature and weather conditions effortlessly. Its high-temperature adhesive system provides excellent solutions along with the quick stick performance for normal temperature too

A 22 micron (0.88 mil) high tensile strength aluminum foil backing, combined with a high performance 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 AF2205** 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	22 Micron	0.88 Mil	PSTC-133 / ASTM D 3652
Total Thickness	60 Micron	2.40 Mil	PSTC-133 / ASTM D 3652
Adhesion to Steel	25 N/25mm	90 Oz./In.	PSTC-101 / ASTM D 3330
Tack Rolling Ball	20 cm	8.0 In.	PSTC-6 / ASTM D 3121
Tensile Strength	40 N/25mm	9.1 Lb/In	PSTC-131 / ASTM D 3759
Elongation	%.	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

STORAGE & SHELF LIFE: One year when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

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SURFACE PREPARATION: It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, and free of grease, oil or other contaminants.

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

Advantages of Aluminium Tape

Being a highly age-resistant Aluminium tape in Sri Lanka provides you with a guarantee for long-lasting results and protection. This tape is the mode of widely used product because it combines adhesive power and versatility.

- **Its lightweight nature makes it a popular choice for handling a wide range of products**
- **Aluminium being corrosion resistance has a great property for surface treatment**
- **This tape can bear a lot of stress even if it is stretched and offer outstanding protection**
- **It blocks out odor, moisture and acts as a wonderful insulation property**