

Aluminum Foil Tape

Description:

Our Aluminum Foil Tape combines a high-strength aluminum foil backing with a premium hotmelt adhesive, offering unmatched durability and adhesion. This tape is designed to bond seamlessly with all aluminum foil composite materials, making it ideal for a range of applications like joint bonding, sealing insulation punctures, and repairing damage.



Product Highlights

- Shiny aluminum backing offers excellent reflective properties (i.e. heat, light).
- Strong adhesion that conforms well on curved and uneven surfaces.
- Withstands exposure to high heat, weathering, moisture and UV.
- Excellent waterproof sealing and insulation properties.
- Applications: HVAC (Heating, Ventilation & Air Conditioning) applications. Also used in industrial, appliance, marine, aerospace industries.
- Available as: Jumbo Roll:12000mm x 1000m (Other sizes available on request).

TECHNICAL SPECIFICATIONS

Physical Properties	Test Method	Metric	Standard
Backing	-----	Aluminum Foil	
Adhesive	-----	Hot Melt Adhesive	
Total Thickness	PSTC-133/ASTM D 3652	0.045mm ± 0.005 (45µm±5)	1.77Mil ± 0.196
Adhesive Thickness	PSTC-133/ASTM D 3652	0.025mm ± 0.003 (25µm±3)	0.98Mil ± 0.11
Adhesion to Steel	PSTC-101/ASTM D 3330	≥17N/25mm	≥61.17oz/In
Tensile Strength	PSTC-131/ASTM D 3759	≥33N/25mm	≥7.41Lb/In
Elongation at Break	PSTC-131/ASTM D 3759	≥2%.	≥2
Application Temperature	-----	10~40 °C	50~105 °F
Service Temperature	-----	5~60°C	41~140°F

ADDITIONAL INFORMATION

DISCLAIMER: The technical data contained herein are guides to the use of Bagla® products. Bagla Group makes no guarantees of results and assumes no obligations or liability in connection with its advice.

STORAGE, SHELF LIFE & RECOMMENDATIONS: For optimal performance, store the rolls flat on their cut edges in their original packaging. Keep the product protected from dust, heat, moisture, direct sunlight, and solvent fumes. Ideal storage temperatures are between +10°C and +25°C. When stored under these conditions in a temperate climate, the tape has a shelf life of at least 12 months. Before applying, ensure that surfaces are clean, dry, and free from dust, grease, or any other contaminants.