

**SUN BRAND**Securely *Sealing* Sentiments
An ISO CERTIFIED COMPANY

Adhesive Specialities

Manufacturer of Speciality Adhesive Tapes

TECHNICAL DATA SHEET

Product Code – AS-009

ALUMINIUM FOIL TAPE – 50 mic – SOLVENT

Description: Aluminium Foil Tape is a 50-micron aluminium foil coated with solvent acrylic adhesive. The tape is conformable conductor and heat reflective. The aluminium backing also offers excellent reflective properties. It is also available with or without liner.

Application: Aluminium Foil Tape is used for high/low temperature applications, EMI/RFI shielding, ducting, thermal spray masking and HVAC (Heat, Ventilation and Air Conditioning) application. It is also used in appliances, marine and aerospace industries.

Application Technique: For best results, ensure the surface is clean, dry and dust free before application of the tape. Apply even and firm pressure for better adhesion results.

TECHNICAL VALUES

PROPERTIES	VALUE
Base Material	Aluminium Foil – 50 μm \pm 2 μm
Adhesive	Solvent Acrylic
Total Thickness	75 μm \pm 2 μm
Tensile Stress	6.0 kgs
Elongation (% at break)	2 %
Adhesion to Steel (g/25mm)	1200 gms
Temperature Resistance ($^{\circ}\text{C/hr.}$)	120 $^{\circ}\text{C}$
Electrical Conductivity	0.007 Ω
Dielectric Breakdown (v)	3,000 v

Storage & Shelf Life: The tape should be stored in a cool and dry place and prolonged exposure to the direct sunlight should be avoided. To obtain best performance, the product should be used within 12 months from the manufacturing date.

www.adhesivespecialities.co.in

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The technical values are determined by/based on standard tests. Our recommendations on the use of the product are based on reliable in-house tests, but the users are requested to conduct their own test to determine the suitability of the product. Adhesive Specialities will not be responsible for any loss or damage caused as a result of our recommendations.