

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

Adhesive Specialities

Manufacturer of Speciality Adhesive Tapes

TECHNICAL DATA SHEET

Product Code – AS-011

ALUMINUM FOIL TAPE – 100 MIC – SOLVENT ACRYLIC

Description: Aluminum Foil Tape is a 100-micron foil coated with solvent acrylic adhesive and comes with liner. The tape is conformable, conductor and heat reflective. The aluminum backing also offers excellent reflective properties. The 100 micron aluminum foil tape is also available with silicone adhesive.

Application : Aluminum 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	Aluminum Foil – 100 μm \pm 2 μm
Adhesive	Solvent Acrylic
Total Thickness	125 μm \pm 2 μm
Tensile Strength (kg/mm)	382 kgs / 25 mm
Elongation (% at break)	4 %
Adhesion to Steel (gms/inch)	1,400 gms
Temperature Resistance ($^{\circ}\text{C/hr.}$)	Adhesive: 120 $^{\circ}\text{C}$
Electrical Resistance	0.007 Ω
Release Liner	Silicone Liner

Storage & Shelf Life: The tape should be stored in 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 date of manufacture.

www.adhesivespecialities.co.in

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!

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