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# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

TECHNICAL DATA SHEET

**Product Code – AS-010**

## **ALUMINIUM FOIL TAPE – 100 mic – SILICONE**

**Description:** Aluminium Foil Tape is a 100-micron foil coated with silicone adhesive and comes with dotted liner. The tape is conformable, conductor and heat reflective. The aluminium backing also offers excellent reflective properties.

**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**

<b>PROPERTIES</b>	<b>VALUE</b>
Base Material	Aluminium Foil – 100 $\mu\text{m}$ $\pm$ 2 $\mu\text{m}$
Adhesive	Silicone
Total Thickness	125 $\mu\text{m}$ $\pm$ 5 $\mu\text{m}$
Tensile Strength (kg/25mm)	6.0 kgs
Elongation (% at break)	4 %
Adhesion to Steel (gm/25mm)	600 gms
Temperature Resistance ( $^{\circ}\text{C}/\text{hr.}$ )	500 $^{\circ}\text{C}$
Electrical Resistance	0.007 $\Omega$
Release Liner	Fluro Silicone Liner

**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](http://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.