



**SUN BRAND**

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# Adhesive Specialities

*Manufacturer of Speciality Adhesive Tapes*

TECHNICAL DATA SHEET

**Product Code – AS-099-A**

**SILICONE MASTIC TAPE – 0.8mm**

**Description:** Silicone Mastic Tape is made from modified elastomeric material which is flame retardant with excellent insulation and chemical properties. It is ozone resistant, antioxidant and UV-resistant. The operating temperature is -60°C to 220°C and can withstand heat shock up to 300°C. The material sticks to itself making it very convenient for testing and repair. Ease of use for installation without heating and tools, reduce installation time and cost.

**Application:** Silicone Mastic Tape provides high temperature insulating protection for outdoor and indoor bus-bar in switches up to 35KV. In comparison with heat shrinkable materials, it's more suitable for substation insulation protection. It also provides insulation to the electrical power system of mine and oil field where the open fire cannot be used.

**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	VALUES
Thickness	0.8 mm
Tensile Strength	≥ 3.5 Mpa
Dielectric Strength	≥ 28 KV/mm
Elongation	≥ 1000%
Volume Resistance	≥ 1.0 x 10 <sup>14</sup> Ω·cm
Dielectric Constant	2 ~ 3
Flammability (Oi)	27
Density	122 g/cm <sup>3</sup>
Cold Bent	No Cracking
Metal Corrosion	A Class
Colours Available	Green, Red, Yellow

**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.