



SUN BRAND

Securely *Sealing* Sentiments
An ISO CERTIFIED COMPANY

Adhesive Specialities

Manufacturer of Speciality Adhesive Tapes

TECHNICAL DATA SHEET

Product Code – AS-62

MICA TAPE – 120 MIC

Description: Mica Tape consists of phlogopite mica paper impregnated with high quality silicone resin and reinforced with glass cloth. It is a flexible tape which could fit into various shapes and is particularly designed for high temperature resistance insulation.

Application: Mica Tape is specially designed for composting application, such as lamination with ceramic felt, aero gel felt etc. It is designed for high temperature resistance insulation of inter-cells thermal insulation in battery packs, telecommunication systems, electric vehicles and other energy storage systems. It can also be used in high temperature industrial equipment like heating rings, ovens, heaters, thermal protection, thermal-electric insulation etc.

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	Mica Paper – 120 µm
Total Weight	172 gsm
Mica Paper Weight	120 gsm
Glass Fabric Weight	30 gsm
Bonding Agent	22 gsm
Tensile Strength	³ 100 N/cm
Breakdown Voltage	³ 1.4 kv

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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