



SUN BRAND

Securely *Sealing* Sentiments
An ISO 9001:2015 Certified Company

Adhesive Specialities

Manufacturer of Speciality Adhesive Tapes

TECHNICAL DATA SHEET

Product Code AS-085 PTFE coated Glass Cloth Tape -5mil

Description: PTFE Glass Cloth Tape is well known as its smooth surface, non-stick, chemical resistance and high temperature resistance and insulating properties, it is widely used in packaging, heat molding, laminating, sealing and electrical industries etc. PTFE Glass Cloth Tape is enhanced by fiberglass cloth, which improved its tensile strength. It could be used to plastic molding calendar rolls, etc. it is reus-able, easy to be installed.

Application: As coatings of high-temperature roller, heating plate, demolding unit. Heat-sealing materials for food, medicines and plastic bag. As gaskets of trough, hopper, aviation molds. Other fields in which surface treatment is needed to reach anti-stick, anti-corrosion and high temperature resistance properties. For packaging, thermoplastic, composites, heat sealing, electrical and electronic industries.

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

Technical Values:

| Properties | Value |
|------------------------------|-------------------------------|
| Base Material | PTFE coated Fiberglass -125µm |
| Adhesive | Silicone |
| Total Thickness | 150 ± 2µm |
| Adhesion to Steel (gm/inch) | 600 gm |
| Heat Resistance | 250°C |
| Breaking Strength (lbs/inch) | 20 |
| Elongation (% at break) | 300 % |
| Dielectric Breakdown (v) | 15,000 |
| Insulation Resistance (MΩ) | >1 x 10 ⁶ |
| Electrolytic Corrosion | 1.0 |
| Liner | Fluro 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.

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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!

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