Membrane Spacer (2-1-2) 7945MP

Product Data Sheet

Updated : July 2000
Supersedes : November 1994

Physical Properties
Not for specification purposes

Liner	58# Polycoated Kraft
Adhesive	2.0 thou #200 “High Performance” Acrylic
Carrier	1.0 thou Transparent Polyester
Shelf Life	12 months from date of manufacture by 3M if stored at room temperature condition in cool, dry and sun protected room.

Features:

- High performance adhesive withstands repeated stresses from switch activation.
- Excellent shear strength.
- Long term, environmentally stable adhesive to resist UV light, chemicals and temperatures to 300°F
- Moisture stable liner
- Liner is silicone coated on adhesive side only, allowing for ease of stacking parts.

Applications

- Designed to separate circuitry until actuation.

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Initial Adhesion, dynamic peel 90° to stainless steel, 2 mil aluminium backing. (modified ASTM D-3330)

6.1 N/10mm

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Processing

Die Cutting:

Use sharp tooling, properly designed for the cutting of pressure sensitive adhesives and the laminating material. It is helpful to lubricate tooling with a low residue vanishing type of oil for improved handling. Consult the manufacturers Material Safety Data Sheet for proper storage and handling of vanishing oils.

Roll Laminating:

Use rubber over steel roll set up with firm application pressure. Make adhesive to substrate contact at nip area only to exclude air entrapment.

Special Considerations

For maximum bond strength, surface should be thoroughly cleaned and dried. a typical cleaning solvent is heptane or isopropyl alcohol. Consult the manufacturers Material Safety Data Sheet for proper handling and storage instructions.

Bond strength may be improved with firm application pressure and moderate heat, which will help adhesive flow out and develop better contact with bonding surface.

3M

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