



Technical Data

DSM3 Membrane Double Sided Spacer Tape

COMPOSITION

- Liner : PE Laminating Yellow Kraft Release Paper
- Adhesive : 0.058mm Acrylic- base
- Carrier : 0.075mm Polyester Film
- Adhesive : 0.058mm Acrylic- base
- Liner : PE Laminating White Kraft Release Paper

| |
|----------|
| Liner |
| Adhesive |
| Carrier |
| Adhesive |
| Liner |

Total Thickness: 0.19mm± 0.01 mm

APPLICATIONS

The circuit layers spacer of membrane switch.

FEATURES:

- Excellent adhesion under high and low temperature.
- High bonding strength in high surface energy plastics, such as PET, ABS and polycarbonate.
- Good resistance under oil, solvent, heat, and humidity conditions.

PROPERTIES AND PERFORMANCE

Temperature Range:

- High long term (days, weeks), 120 degrees C.
- High short term (minutes, hours), 150 degrees C.

Chemical Resistance:

Solvent resistance is excellent when DSM3 is properly applied in impervious materials. The adhesive resists softening through edge with many kinds of mild acid, alkaline solvent.

Bond Build- Up

The bonding strength of **DSM3** increases as a function of time and temperature.

Holding Power (PSTC-7)

1020 ↑

Minutes

ADHESION PROPERTIES

This data stated average values or typical values and should not be used for any specification purpose.

ASTMD-1000

180 Degrees of Peeling Adhesion

Kgf/25mm

To Stainless Steel Plate

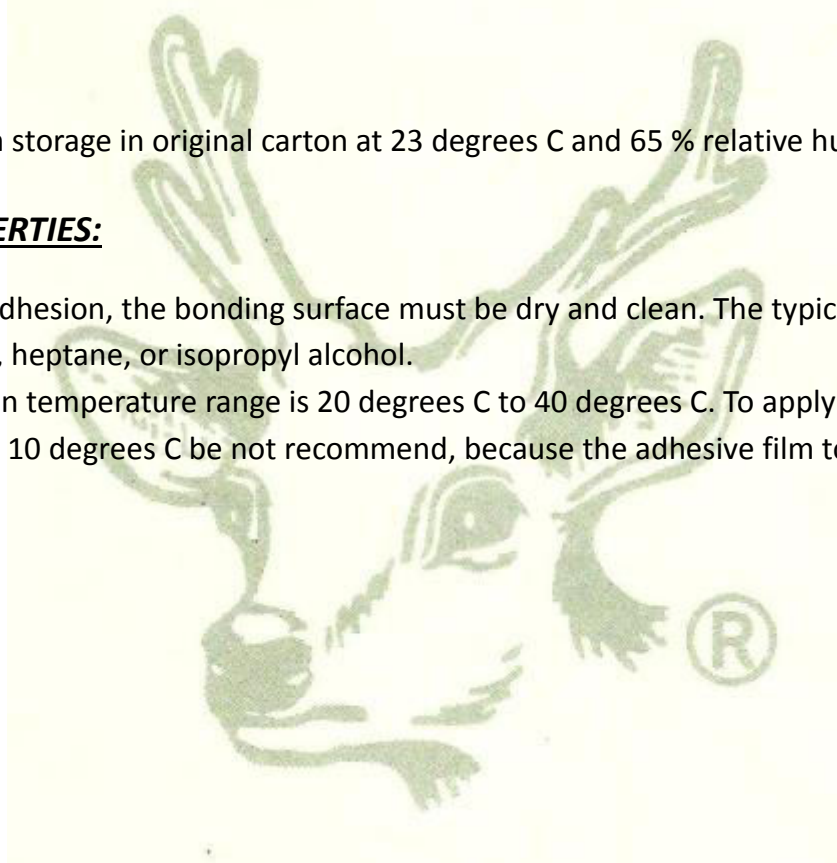
1.0 ↑

Shelf Life:

12 months when storage in original carton at 23 degrees C and 65 % relative humidity.

APPLICATION PROPERTIES:

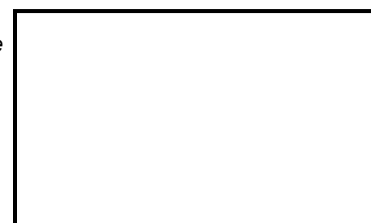
1. To obtain optimal adhesion, the bonding surface must be dry and clean. The typical surface cleaning agents are acetone, heptane, or isopropyl alcohol.
2. The ideal application temperature range is 20 degrees C to 40 degrees C. To apply tape on surface at temperature below 10 degrees C be not recommend, because the adhesive film to adhere lightly.



Important Notice to Purchaser

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