



Technical Data

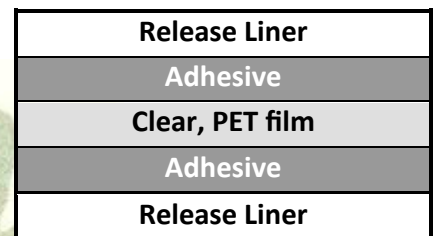
DSMB Membrane Switch Spacer

Product Description

Description: DSMB constructed by a carrier, PET film, which thickness is 0.250mm and coated with pressure sensitive acrylic adhesive on both sided. It provided good adhesion, holding force, and suitable solvent resistance properties.

Composition:

- Release Liner** : PE Laminating Yellow Kraft Release Paper →
- Adhesive** : Acrylic-based →
- Carrier** : Clear, PET film, thickness 0.250 mm →
- Adhesive** : Acrylic-based →
- Release Liner** : Polycoated, Yellow Kraft Paper →



Application : DSMB designed for joining inter Circuit's layers and adjusting thickness, used to be a spacer of membrane switch.

Features:

- Good resistance under light of oil, solvent, heat, and humidity conditions.
- Suitable for adjusting thickness when using in assembly process.

Technical Details:

| <u>Properties</u> | <u>Unit</u> | <u>Average Test Values</u> |
|---------------------------------|-------------|--------------------------------|
| Total Thickness (without liner) | mm | 0.40 ± 0.02 ↑ |
| 180° Peeling Adhesion | Kgf/25mm | 0.7↑ |
| Unwinding Force | Kgf/25mm | 15-40(Inside) 3-20(Outside) |
| Holding Power | Minute | 1020↑ |

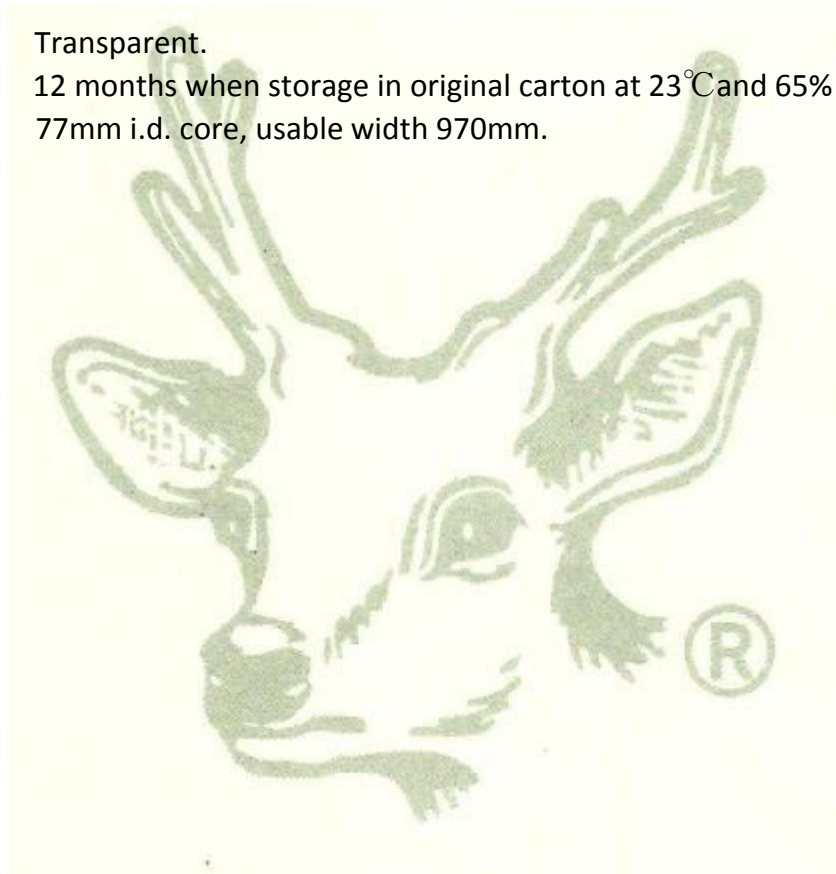
Performance Data:

The performance of 180° Peeling Adhesion at Varieties of Surfaces at room Temperature and based on ASTM D-3330.

| | Initial (20 minute dwell) | | 72 hours room temperature | |
|-----------|---------------------------|------------|---------------------------|------------|
| | kg/25mm | | | |
| | White PEK | Yellow PEK | White PEK | Yellow PEK |
| Aluminum | 0.52 | 0.55 | 1.02 | 0.91 |
| ABS plate | 1.85 | 1.80 | 2.92 | 2.91 |
| PC plate | 2.16 | 1.89 | 3.15 | 3.07 |
| PP film | 1.91 | 1.81 | 3.65 | 3.73 |

Note : The technical data listed here should be considered representative or typical only, and should not be used for Specification purposes. Customers are advised to test the material to determine the suitability against intended Applications.

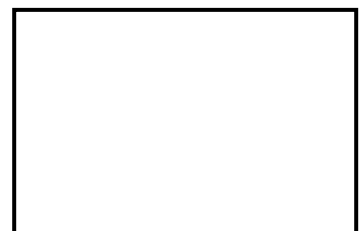
Color : Transparent.
Shelf Life: 12 months when storage in original carton at 23°C and 65% relative humidity.
Availability: 77mm i.d. core, usable width 970mm.



Important Notice to Purchaser

All statement, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

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