



Technical Data

DSM5 MEMBRANE SPACER DOUBLE SIDED TAPE

COMPOSITION

- Liner : PE Laminating Yellow Kraft Release Paper
- Adhesive : 0.053mm Acrylic based
- Carrier : 0.125mm Polyester Film
- Adhesive : 0.053mm Acrylic- base
- Liner : PE Laminating White Kraft Release Paper

Liner
Adhesive
Carrier
Adhesive
Liner

Total Thickness : 0.23mm ± 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 polyester, 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 excellence when DSM5 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 **DSM5** increases as a function of time and temperature.

ADHESION PROPERTIES

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

ASTMD-1000

(180 Degrees of Peeling Adhesion)

Kgf/25mm

To Stainless Steel Plates

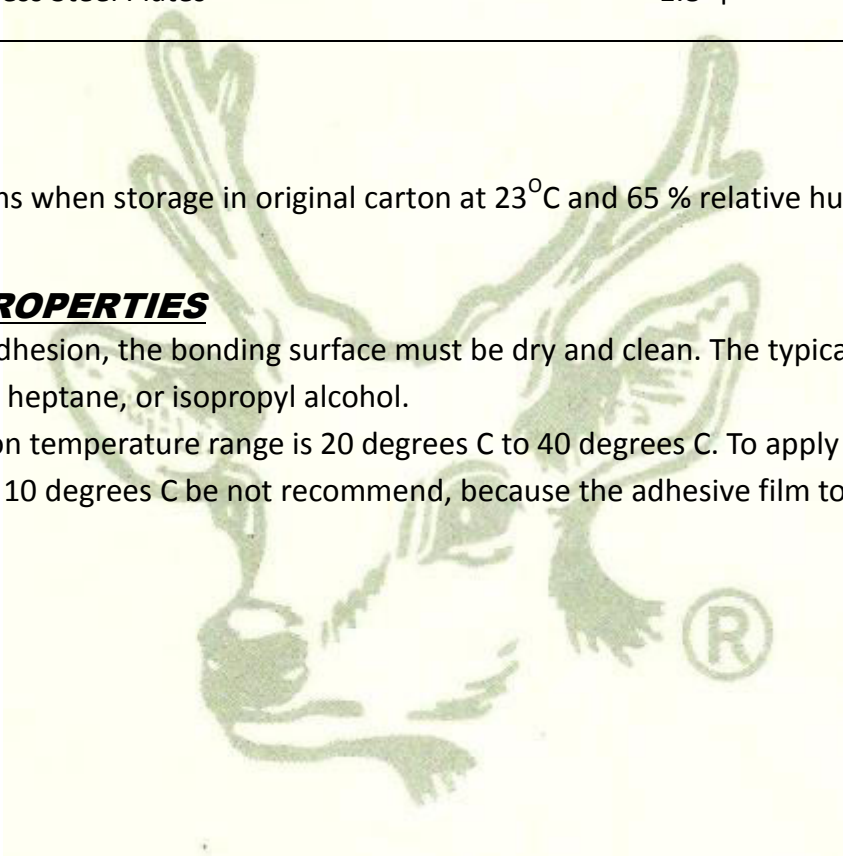
1.8 ↑

Shelf Life:

12 months when storage in original carton at 23°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

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.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacture.



FOUR PILLARS ENTERPRISE CO., LTD.

No. 12, Lane 61, Sec. 1, Kuang Fu Rd, San Chung City, 241 Taipei, Taiwan, R.O.C

TEL:886-2-2999-1133 FAX:886-2-2999-1136 or 2999-2284 <http://www.fourpillars.com.tw>