

Technical Data Sheet



MilRex™ EVA Foam M-121EVA

1. Description

MilRex™ EVA Foam is a closed-cell foam made from ethylene vinyl acetate(EVA). It is a lightweight and flexible material.

2. Product Code

M-121EVA

3. Density (Property test method)

38 kg/m³ (JIS K6767-1976)

4. Hardness (Property test method)

20 -25 degrees (JIS C)

5. Tensile Strength (Property test method)

530 KPa

6. Tear Strength (Property test method)

3.0 Kn/m (JIS K6767-1976)

7. Elongation @ Break (Property test method)

200-250% (JIS K6767-1976)

8. Compression Set (Property test method)

<5% (JIS K6767-1976)

9. Compressive Strength(25%) (Property test method)

33Kpa (ASTM D 3575-91)

10. Water Absorption (Property test method)

0.002g/cm³ (JIS K6767-1976)

11. Thermal Conductivity (ASTM C 518-76)

0.04 /m C (JIS K6767-1976)

12. Service Temperature

-70 to +60 deg C

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13. Note

1. We strongly believe that our products sold should be tested thoroughly under end-use conditions to ensure they meet the requirements of your application.
2. We suggest that you clean thoroughly the surfaces to which the product will be applied from dust, grease or any contamination. Failing to do so could affect the adhesion strength of the product. Before you apply the product on freshly lacquered or painted surfaces, ensure that the surfaces are completely dried and cured.
3. We offer the test data and test results for your general information only. We do not recommend that you use this information for designs and specifications, or on as meeting specified performance criteria. If you are seeking to develop specifications or performance criteria for a specific product application, please call us for further information.
4. Our product compliance information is drawn from :
 - (a) test results conducted by a third party, independent laboratory using established methods, or
 - (b) information offered by the respective manufacturer or supplier.

Thus, we do not represent nor warrant (express or implied), nor do we assume liability in connection with the use of this information.

14. Warranty

1. We guarantee our products to be free from manufacturing defects for one (1) year from the date of purchase. We shall, at our option, replace the product found to be defective within this warranty period.
2. This warranty extends to the original buyer of this product only. All others are not eligible to return products to us for warranty consideration.
3. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on our part.
4. In no event shall we be held responsible or liable for any loss, damage, expense, or incidental or consequential damages of any kind arising in connection with the use, or inability to use, our products.
5. We require that samples of the failure be submitted when a claim is made and before a remedy is offered