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**APPLICATION DATA SHEET**

**Note:** If more information is needed please call for a technical data sheet.

**PRODUCT: ENSOLITE "R" IV1 - Ensolite MLC Black**  
(Ensolite is a registered trademark of RBX Industries.)

**PRODUCT DESCRIPTION:** Ensolite " R" MLC is an excellent sealing foam tape with good high temperature performance characteristics. It is used mainly for gasketing and sealing applications.

**POLYMER:** Neoprene, PVC / Nitrile

**FLAMMABILITY SPECIFICATIONS - FMVSS-302:** PASS

| PHYSICAL PROPERTY                              | TEST METHOD | UNIT OF MEASURE          | RESULT               |
|--|-------------|--------------------------|----------------------|
| DENSITY  | ASTM D 3575 | pcf<br>g/cm <sup>3</sup> | 3.5-5.0<br>.056-.080 |
| TEMPERATURE RANGE                              | N/A         | °F                       | -40 TO +200          |
| HEAT AGING (7DAYS-158°F) CHANGE IN COMP. DEFL. | ASTM D 1056 | % MAX CHANGE             | ± 30                 |
| COLOR  | N/A         | N/A                      | BLACK                |

**PRODUCT: Low Fogging Adhesive Transfer Tape**  
Note: The adhesive system of this composite can be customized for maximum performance to the individual application requirements.

**ADHESIVE:** 5.0 mils #300MP Acrylic Adhesive

**TYPICAL PHYSICAL PROPERTIES AND PERFORMANCE CHARACTERISTICS:**

| Surface         | 15 Minute Dwell |          | 72 Hour Dwell |          | 72 Hour Dwell @ 158°F |          |
|-----------------|-----------------|----------|---------------|----------|-----------------------|----------|
|                 | Oz./In.         | N/100 mm | Oz./In.       | N/100 mm | Oz./In.               | N/100 mm |
| Stainless Steel | 102             | 112      | 131           | 143      | 166                   | 182      |
| ABS             | NA              | NA       | 93            | 102      | 78                    | 85       |

**ENVIRONMENTAL PERFORMANCE:**

Temperature Resistance: Short Term: 250°F (121°C).

Humidity Resistance: No adverse effect on the bond after exposure to 100% relative humidity at 100°F (38°C).

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