

Arlon E950-10RXX-M8 0.050" (1.27 mm) Cured Silicone Rubber with PSA liner

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Description: 1 inch wide, 50 mil thick, Red, Rectangular cross-section, Fully cured silicone interleaved with 0.002" PSA liner. Product is supplied in various roll lengths and the xx in the product number indicates roll length in yards. Design/Construction: Interleave: Mylar Pressure Sensitive Adhesive: Silicone Extrusion: Cured Silicone Rubber Cross-Section: 1" Wide Rectangular Arlon STD Certificate of Compliance for commercial applications will be provided with each order. Appearance: Red silicone rubber on polymer liner This data represents typical values for the production material. The data should not be used to write, or in place of, material specifications. Information provided by Arlon, Silicone Technologies Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-E950-10RXX-M8-0050-127-mm-Cured-Silicone-Rubber-with-PSA-liner.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|---------------------------|----------------------------------|
| Density | 1.27 g/cc | 0.0459 lb/in ³ | Tape Property; Arlon SQA-TMS-024 |
| Thickness | 50.8 microns | 2.00 mil | Interleave |
| | 1270 microns | 50.0 mil | Rubber; Arlon SQA-TMS-003 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|----------|-----------------------------|
| Hardness, Shore A | 52 | 52 | Tape Property; ASTM D2240 |
| Tensile Strength | 7.557 MPa | 1096 psi | Tape Property; ASTM D412 |
| Elongation at Break | 358 % | 358 % | Tape Property; ASTM D412 |
| Peel Strength | 0.175 kN/m | 1.00 pli | Tape Property; MIL-I-46852C |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 204 °C | 400 °F | |
| Minimum Service Temperature, Air | -51.1 °C | -60.0 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------------------|----------------------|--------------------------|
| Shelf Life | 12.0 Month | 12.0 Month | From date of manufacture |
| | @Temperature 21.1 °C | @Temperature 70.0 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Color | Red | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China