

Arlon HSLW401R##-P0 0.040" (1.02 mm) Self-Fusing Silicone Tape (Triangular, Unsupported)

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Description: High Strength, 1 inch wide, 40 mil thick, Red, Triangular cross-section, Self-Fusing Silicone Tape. Product is supplied in various roll lengths and the ## in the product number indicates roll length in yards. Design/Construction: Rubber: Cured Self-Fusing Silicone Rubber Cross-Section: 1" Wide Triangular Interleave: Polyethylene 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-HSLW401R-P0-0040-102-mm-Self-Fusing-Silicone-Tape-Triangular-Unsupported.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Water Absorption	2.0 %	2.0 %	MIL-I-46852C
Thickness	76.2 microns	3.00 mil	Interleave
	1020 microns	40.0 mil	Rubber; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property; ASTM D2240
Tensile Strength	6.62 MPa	960 psi	Silicone Property; ASTM D412
Elongation at Break	390 %	390 %	Silicone Property; ASTM D412
Peel Strength	0.754 kN/m	4.30 pli	Bond Strength; 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	

Electrical Properties	Metric	English	Comments
Dielectric Strength	22.4 kV/mm	570 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 23.9 °C	12.0 Month @Temperature 75.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Allis-Chalmers Tack	1/16 [in]	Arlon SQA-TMS-013
Color	Red	

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