

Arlon LW201Xxx-P1 0.020" (0.508 mm) Self-Fusing Silicone Tape (Triangular, Unsupported) with Poly Interleave

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Triangular Cross Section Fusible Tape Arlon LevelWrap® Tape: LevelWrap® has tapered edges and a colored line along its apes. The purpose of the line is to act as a guide for subsequent wraps in order to form a uniformly thick layer.

Performance Advantages: Resists moisture, oxygen, and ozone to assure continuous high insulation values. Conforms smoothly when wrapped around complex forms. Bonds to itself at room temperature within 24 hours. Remains non-tacky to the touch and does not adhere to other surfaces, or substrates. Insulates with single wrap, thereby reducing labor time and cost. Dampens vibration and resists heat and mechanical shock as well as corona. Inherently flame resistant and when burned forms a non-conductive ash. SA & SB MOX-Tapes® provide a uniform thickness even around sharp edges. Fiberglass fabric, encapsulated inside the silicone rubber, prevents wicking and maintains high insulation resistance under high humidity conditions. These controlled stretch tapes provide a uniform insulation barrier. All tapes are protected by a special interleaved liner.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-LW201Xxx-P1-0020-0508-mm-Self-Fusing-Silicone-Tape-Triangular-Unsupported-with-Poly-Interleave.php

Physical Properties	Metric	English	Comments
Water Absorption	<= 3.0 %	<= 3.0 %	
	@Time 166000 sec	@Time 46.0 hour	
Thickness	457 - 559 microns	18.0 - 22.0 mil	Overall
	23810 - 26990 microns	937.5 - 1063 mil	Width

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 4.83 MPa	>= 700 psi	Compound Property
Elongation at Break	>= 300 %	>= 300 %	Compound Property
Peel Strength	>= 0.351 kN/m	>= 2.00 pli	Government Bond

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
Volume Resistivity	>= 3.00e+14 ohm-cm	>= 3.00e+14 ohm-cm	
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

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

Descriptive Properties	Value	Comments
Color	Gray	

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