

Arlon LW301CxxFR-P0 0.030" (0.762 mm) Cured Self-Fusing Silicone Tape (Triangular, Unsupported)

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Description: 1 inch wide, 30 mil thick, Brown, 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: Interleave: Polyethylene

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-LW301CxxFR-P0-0030-0762-mm-Cured-Self-Fusing-Silicone-Tape-Triangular-Unsupported.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Interleave
	762 microns	30.0 mil	Rubber; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property; ASTM D2240
Tensile Strength	4.21 MPa	610 psi	Silicone Property; ASTM D412
Elongation at Break	500 %	500 %	Silicone Property; ASTM D412
Peel Strength	0.561 kN/m	3.20 pli	Bond Strength; Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	
Flammability Test	0.60	0.60	[in], Char Length; FAR 25.853 App. F, P. 1.,Aii
	4.4	4.4	[sec], Flame and Glow; FAR 25.853 App. F, P. 1.,Aii

Electrical Properties	Metric	English	Comments
Dielectric Strength	18.3 kV/mm	465 kV/in	ASTM D149

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	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Color		Brown	

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