

Arlon A1030-X008-12 0.030" (0.762 mm) Fully Cured Fusible Silicone Rubber - Extruded Fusible Tape (disco)

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

1 inch width and 36 inches long. Design/Construction: Interleave: Polyester Film Extruded Fusible Tape (Rectangular Cross Section): Fully Cured Fusible Silicone Rubber 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-A1030-X008-12-0030-0762-mm-Fully-Cured-Fusible-Silicone-Rubber-Extruded-Fusible-Tape-nbspdisco.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Water Absorption	1.0 %	1.0 %	Arlon SQA-TMS-016
Thickness	25.4 microns	1.00 mil	Polyester Film, Interleave
	762 microns	30.0 mil	Overall; Arlon SQA-TMS-012

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property; ASTM D2240
Tensile Strength	7.93 MPa	1150 psi	Silicone Property; ASTM D412
Elongation at Break	430 %	430 %	Silicone Property; ASTM D412
Tear Strength	15.8 kN/m	90.0 pli	Die B, Silicone Property; ASTM D624
Peel Strength	0.578 kN/m	3.30 pli	[ppiw], Government Bond Strength; Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	24.0 kV/mm	610 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	From date of manufacture

Processing Properties	@Temperature 21.1 °C Metric	@Temperature 70.0 °F English	Comments
Descriptive Properties	Value		Comments
Color	Gray		

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