

Arlon 920-10CxxFR-P1 0.020" Self-Fusing Silicone Rubber Tape

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

1 inch wide, 20 mil thick, brown, rectangular cross-section, self-fusing silicone tape. Product is supplied in various yard long roll lengths as indicated by the xx characters in the part number. Design/Construction: Interleave: 2.5 mil Polyethylene Rubber: Cured Self-fusing Silicone Rubber Cross-section: 1" wide rectangular This data represents typical values for the production material and should not be used as material specifications. Information provided by ARLON Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-920-10CxxFR-P1-0020-Self-Fusing-Silicone-Rubber-Tape.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	508 microns	20.0 mil	Rubber; Arlon SQA-TMS-012

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property; Arlon SQA-TMS-014
Tensile Strength	7.674 MPa	1113 psi	Silicone Property; Arlon SQA-TMS-009
Elongation at Break	462 %	462 %	Silicone Property; Arlon SQA-TMS-009
Peel Strength	0.596 kN/m	3.40 pli	Bond Strength; Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	204 °C	400 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Strength	27.6 kV/mm	701 kV/in	Arlon SQA-TMS-020

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 21.1 °C	12.0 Month @Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Brown	

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