

Arlon 915-20Hxx-P0 0.015" Self-Fusing Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

2 inch wide, 15 mil thick, pale yellow, rectangular cross-section, silicone self-fusing 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: Silicone self-fusing rubber Cross-section: 2" 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-915-20Hxx-P0-0015-Self-Fusing-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	381 microns	15.0 mil	Rubber; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property; Arlon SQA-TMS-014
Tensile Strength	6.55 MPa	950 psi	Silicone Property; Arlon SQA-TMS-009
Elongation at Break	425 %	425 %	Silicone Property; Arlon SQA-TMS-009

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	204 °C	400 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	37.4 kV/mm	950 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
Allis Chalmers Tack (inches)	0.2	Arlon SQA-TMS-013
Color	Pale Yellow	

Descriptive Properties	Value	Comments
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