

Arlon T1020-R004-## 0.020" Self-Fusing Silicone Rubber Tape

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

1 inch wide, 20 mil thick, red, rectangular cross-section, self-fusing silicone tape. Product is supplied in various yard long roll lengths as indicated by the ## characters in the part number. Design/Construction: Interleave: 1 mil Polyester Rubber: 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-T1020-R004-0020-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	0.10 %	0.10 %	Arlon SQA-TMS-016
Thickness	508 microns	20.0 mil	Rubber; Arlon SQA-TMS-012

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	46	46	Silicone Property; ASTM D2240
Tensile Strength	9.846 MPa	1428 psi	Silicone Property; ASTM D412
Elongation at Break	699 %	699 %	Silicone Property; ASTM D412
Peel Strength	0.596 kN/m	3.40 pli	Bond Strength; Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	260 °C	500 °F	
Minimum Service Temperature, Air	-53.9 °C	-65.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	32.8 kV/mm	834 kV/in	ASTM D149

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	Red	

Descriptive Properties	Value	Comments
------------------------	-------	----------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China