

## Arlon A3020-R008-16.5 0.020" (0.508 mm) Cured Fusible Silicone Rubber with Sinusoidal Fiberglass Substrate &nb

Category : Polymer , Thermoset , Silicone , Silicone Rubber , Silicone, Molded, Glass Fiber Filled

### Material Notes:

2 inches width and 50 inches long. Design/Construction: Side 1: Cured Fusible Silicone Rubber Substrate: 25% sinusoidal Fiberglass Side 2: Cured Fusible Silicone Rubber Interleave: Polyester Film 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-A3020-R008-165-0020-0508-mm-Cured-Fusible-Silicone-Rubber-with-Sinusoidal-Fiberglass-Substrate-nb.php](http://www.lookpolymers.com/polymer_Arlon-A3020-R008-165-0020-0508-mm-Cured-Fusible-Silicone-Rubber-with-Sinusoidal-Fiberglass-Substrate-nb.php)

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in <sup>3</sup>	Silicone Property; Arlon SQA-TMS-024
Thickness	25.4 microns	1.00 mil	Interleave
	203 microns	8.00 mil	Substrate; Arlon SQA-TMS-003
	508 microns	20.0 mil	Overall; Arlon SQA-TMS-003

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
	31.25 MPa	4533 psi	Product Property; Arlon SQA-TMS-048
Elongation at Break	34 %	34 %	Tape Property; Arlon SQA-TMS-048
	430 %	430 %	Silicone Property; ASTM D412
Tear Strength	15.8 kN/m	90.0 pli	Die B, Silicone Property; ASTM D624
Peel Strength	1.05 kN/m	6.00 pli	Adhesion Strength, Tape Property; Arlon SQA-TMS-047

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	26.6 kV/mm	675 kV/in	Tape Property; ASTM D149

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

Descriptive Properties	Value	Comments
Color	Off White Red	Substrate

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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