

## Arlon 44562R011 0.011" Cured Silicone Rubber with Fiberglass

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

### Material Notes:

Design/Construction: Interleave: 2.5 mil Polyethylene Side 1: Cured Silicone Rubber Substrate: Style 1165 Fiberglass 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-44562R011-0011-Cured-Silicone-Rubber-with-Fiberglass.php](http://www.lookpolymers.com/polymer_Arlon-44562R011-0011-Cured-Silicone-Rubber-with-Fiberglass.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	Silicone Property; Arlon SQA-TMS-024
Thickness	140 microns	5.50 mil	Silicone; Arlon SQA-TMS-003
	140 microns	5.50 mil	Substrate; Arlon SQA-TMS-003
	279 microns	11.0 mil	Overall Thickness; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	Silicone Property; Arlon SQA-TMS-014
Tensile Strength	5.52 MPa	800 psi	Silicone Property; Arlon SQA-TMS-008
Elongation at Break	500 %	500 %	Silicone Property; Arlon SQA-TMS-008

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	204 °C	400 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	29.7 kV/mm	755 kV/in	Arlon SQA-TMS-020

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Red Value	Comments
Total Product Weight (oz/yd2)	11	Arlon SQA-TMS-025

## Contact Songhan Plastic Technology Co.,Ltd.

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