

## Arlon 47568R0055E 0.0075" (0.190 mm) Cured Silicone Rubber/Acrylic PSA

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

### Material Notes:

Design/Construction: Side 1: Cured Silicone Rubber Substrate: Style 2113 Fiberglass Side 2: Acrylic PSA Interleave: Polypropylene 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-47568R0055E-00075-0190-mm-Cured-Silicone-RubberAcrylic-PSA.php](http://www.lookpolymers.com/polymer_Arlon-47568R0055E-00075-0190-mm-Cured-Silicone-RubberAcrylic-PSA.php)

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in <sup>3</sup>	Silicone Property; Arlon SQA-TMS-024
Thickness	50.8 microns	2.00 mil	Side 1; Arlon SQA-TMS-003
	50.8 microns	2.00 mil	Side 2; Arlon SQA-TMS-003
	88.9 microns	3.50 mil	Substrate; Arlon SQA-TMS-003
	191 microns	7.50 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	Silicone Property; ASTM D2240
Tensile Strength	6.21 MPa	900 psi	Silicone Property; ASTM D412
Elongation at Break	600 %	600 %	Silicone Property; ASTM D412
Peel Strength	0.0877 kN/m	0.500 pli	Bond Strength; ASTM D624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	15.7 kV/mm	400 kV/in	ASTM D149

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

Descriptive Properties	Value	Comments
Color	Red	
	Red	Substrate
Total Product Weight (oz/yd2)	6.5	Arlon SQA-TMS-025

## Contact Songhan Plastic Technology Co.,Ltd.

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