



SILICONE TECHNOLOGIES DIVISION  
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## PRODUCT INFORMATION SHEET

Arlon Product Number

51986R015

### PRODUCT DESCRIPTION

#### Design / Construction

Interleave 1: N/A  
Side 1: Cured Silicone Rubber  
Substrate: Style 7628 fiberglass  
Side 2: Uncured Silicone Rubber  
Interleave 2: 3 mil polyethylene



#### Rubber Add-On Thickness

	Side 1:	Value	Method
	Side 2:	0.0030"	Arlon SQA-TMS-003
	Overall Thickness:	0.0055"	Arlon SQA-TMS-003
		0.0165"	Arlon SQA-TMS-003

Product Color : Red

### PHYSICAL PROPERTIES

#### Silicone Properties

	Value	Method
Tensile Strength psi	838	ASTM D 412
Elongation %	128	ASTM D 412
Tear Strength (Die B) ppiw	89	ASTM D624
Durometer Shore A Points	74	ASTM D 2240
Specific Gravity ---	1.62	Arlon SQA-TMS-024

#### Substrate Properties

	Value	Method
Thickness	0.008"	Arlon SQA-TMS-003
Color	Red	N/A

#### Product Properties

	Value	Method
Dielectric Strength volts/mil	537	ASTM D 149
Bond Strength (S2 to S2) lb/in	3.8	Arlon SQA-TMS-011
Total Product Weight oz/yd <sup>2</sup>	20.8	Arlon SQA-TMS-025
Flame Resistance	UL94V-0	UL94

### SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 6 months from date of manufacture @ 70°F

*Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.*

Recommended Cure Cycle 5 minutes @ 250°F and 50 psi

Recommended Postcure Cycle 400°F for 2 hours

Product Operating Temperature -70°F to 450°F

### UL INFORMATION

UL Recognition : File E54153

*The data presented in this document represent typical values for the production material.*

*The data should not be used to write, or in place of, material specifications.*

*Please verify that any printed hard copy of this datasheet is current by referencing:*

<http://www.arlon-std.com/Library/datasheets.htm>

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