

## PRODUCT INFORMATION SHEET

**Arlon Product Number** 48101R008

### PRODUCT DESCRIPTION

**Design / Construction**

**Interleave 1:** 3 mil polyethylene  
**Side 1:** Uncured Silicone Rubber  
**Substrate:** Style 1080 fiberglass  
**Side 2:** Uncured Silicone Rubber  
**Interleave 2:** 3 mil polyethylene



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.0025"	Arlon SQA-TMS-003
<b>Side 2:</b>	0.0025"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.0080"	Arlon SQA-TMS-003

**Product Color :** Red

### PHYSICAL PROPERTIES

<u>Silicone Properties</u>	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> psi	800	ASTM D 412
<b>Elongation</b> %	225	ASTM D 412
<b>Tear Strength (Die B)</b> ppiw	90	ASTM D624
<b>Durometer</b> Shore A Points	60	ASTM D 2240
<b>Specific Gravity</b> ---	1.35	Arlon SQA-TMS-024

<u>Substrate Properties</u>	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.003"	Arlon SQA-TMS-003
<b>Color</b>	Red	N/A

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b> volts/mil	978	ASTM D 149
<b>Bond Strength (S1 to S2)</b> lb/in	6.0	Arlon SQA-TMS-011
<b>Total Product Weight</b> oz/yd <sup>2</sup>	7.7	Arlon SQA-TMS-025

### SHELF LIFE & PROCESSING RECOMMENDATIONS

<b>Product Shelf Life</b>	6 months from date of manufacture @ 70°F
<i>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.</i>	
<b>Recommended Cure Cycle</b>	15 minutes @ 250°F and 50 psi
<b>Recommended Postcure Cycle</b>	400°F for 2 hours
<b>Product Operating Temperature</b>	-70°F to 450°F

### UL INFORMATION

**UL Recognition :** N/A

*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.  
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<http://www.rogerscorporation.com/Library/datasheets.htm>*