

## PRODUCT INFORMATION SHEET

**Arlon Product Number**

51103R015

### PRODUCT DESCRIPTION

**Design / Construction**

**Interleave** LDPE  
**Side 1:** Cured silicone rubber  
**Substrate:** Style 7628 fiberglass  
**Side 2:** Cured silicone rubber  
**Interleave** LDPE



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.0035"	Arlon SQA-TMS-003
<b>Side 2:</b>	0.0035"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.0150"	Arlon SQA-TMS-003

**Product Color :** Red

### TYPICAL PROPERTIES

<u>Silicone Compound 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> lb/in	90	ASTM D 624
<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>	0.008"	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	830	ASTM D 149
<b>Total Product Weight</b> oz/yd <sup>2</sup>	16.8	Arlon SQA-TMS-025

### SHELF LIFE AND PROCESSING RECOMMENDATIONS

**Product Shelf Life** 60 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** N/A

**Recommended Post Cure Cycle** 400°F for 2 hours

**Product Operating Temperature** -70°F to 450°F

### UL RECOGNITION

**File :** 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.*

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

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