

## PRODUCT INFORMATION SHEET

**Arlon Product Number**

51044R020

### PRODUCT DESCRIPTION

**Design / Construction**

**Interleave:** 0.0025" Polyethylene  
**Side 1:** Semi-Cured Silicone Rubber  
**Substrate:** Style 7628 Fiberglass



**Rubber Add-On Thickness**

	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.012"	Arlon SQA-TMS-003
<b>Side 2:</b>	N/A	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.020"	Arlon SQA-TMS-003

**Product Color :** Red

### TYPICAL PROPERTIES

**Silicone Compound Properties**

	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> psi	1085	Arlon SQA-TMS-008
<b>Elongation</b> %	429	Arlon SQA-TMS-008
<b>Durometer</b> Shore A Points	62	Arlon SQA-TMS-014
<b>Specific Gravity</b> ---	1.20	Arlon SQA-TMS-024

**Substrate Properties**

	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.008"	Arlon SQA-TMS-003
<b>Color</b>	Red	N/A

**Product Properties**

	<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b> volts/mil	730	Arlon SQA-TMS-020
<b>Bond Strength</b> lb/in	13.9	Arlon SQA-TMS-011
<b>Total Product Weight</b> oz/yd <sup>2</sup>	20.6	Arlon SQA-TMS-025

### SHELF LIFE AND PROCESSING RECOMMENDATIONS

<b>Product Shelf Life</b>	3 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 @ 350°F and 50 psi
<b>Recommended Post Cure Cycle</b>	400°F for 2 hours
<b>Product Operating Temperature</b>	-70°F to 400°F

*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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