

## PRODUCT INFORMATION SHEET

**ARLON® Product Number** 56493F031

### PRODUCT DESCRIPTION

#### Design / Construction

**Side 1:** Cured Silicone rubber  
**Substrate:** Style 1564 fiberglass  
**Side 2:** Cured Silicone rubber  
**Side 2 Interleave:** 0.0025" Polyethylene



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.007"	Arlon SQA-TMS-003
<b>Side 2:</b>	0.007"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.031"	Arlon SQA-TMS-003

**Product Color :** Blue-Black

### TYPICAL PROPERTIES

<u>Silicone Compound Properties</u>	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> psi	877	Arlon SQA-TMS-008
<b>Elongation</b> %	323	Arlon SQA-TMS-008
<b>Durometer</b> Shore A Points	70	Arlon SQA-TMS-014
<b>Specific Gravity</b> ---	1.45	Arlon SQA-TMS-024
<u>Substrate Properties</u>	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.017"	Arlon SQA-TMS-003
<b>Color</b>	White	N/A
<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b> volts/mil	400	Arlon SQA-TMS-020
<b>Break Strength</b> lb./in.	356	Arlon SQA-TMS-026
<b>Total Product Weight</b> oz/yd <sup>2</sup>	33.1	Arlon SQA-TMS-025

### SHELF LIFE & OPERATING TEMPERATURE

**Product Shelf Life** 60 months from date of manufacture @ 75°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 Post Cure Cycle** 400°F for 2 hours

**Product Operating Temperature** -144°F to 450°F

### FLAME RETARDANCE INFORMATION

<b>UL Recognition :</b>	N/A
<b>Flame Test Method:</b>	FTMS 191A; Method 5903
<u>Flame Test Information</u>	<u>Value</u>
<b>Flame Time</b> sec.	6
<b>Char Length</b> in.	3/4

The data presented in this document represent typical values for the production material. Typical values should not be used for specification limits.

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