

## PRODUCT INFORMATION SHEET

**Arlon Product Number 51228R020**

### PRODUCT DESCRIPTION

**Design / Construction**

**Interleave:** 1.5 mil polyethylene  
**Side 1, Layer 2:** Uncured silicone rubber  
**Side 1, Layer 1:** Cured silicone rubber  
**Substrate:** Style 7628 fiberglass  
**Side 2:** Cured silicone rubber



<u>Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Side 1 (Cured/Uncured layer):</b>	0.00075" / 0.0105"	Arlon SQA-TMS-003
<b>Side 2:</b>	0.00075"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.020"	Arlon SQA-TMS-003

**Product Color :** Red

### PROPERTIES

<u>Silicone Compound Properties</u>		<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b>	psi	880	ASTM D 412
<b>Elongation</b>	%	470	ASTM D 412
<b>Durometer</b>	Shore A Points	50	ASTM D 2240
<b>Specific Gravity</b>	---	1.24	Arlon SQA-TMS-024

<u>Fiberglass Substrate Properties</u>		<u>Value</u>	<u>Method</u>
<b>Thickness</b>		0.008"	Arlon SQA-TMS-003

<u>Product Properties</u>		<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b>	volts/mil	670	ASTM D 149
<b>Bond Strength</b>	lb/in	9.9	ASTM D 624
<b>Total Product Weight</b>	oz/yd <sup>2</sup>	27.8	Arlon SQA-TMS-025

### PROCESSING RECOMMENDATIONS

<b>Product Shelf Life</b>	6 months from date of manufacture @75°F <i>Note: Shelf life is defined as the duration of time for which the product will meet the physical requirements outlined below. It does not guarantee the product's usefulness in all applications.</i>
<b>Recommended Cure Cycle</b>	15 minutes @ 350° F; 50 psi
<b>Recommended Post Cure Cycle</b>	2-3 hours @ 375-410° F
<b>Product Operating Temperature</b>	-70°F to 450°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.*

Last Revised May 9, 2016.