



Arlon Silicones Technology

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## PRODUCT INFORMATION SHEET

Arlon Product Number

51112R013

### PRODUCT DESCRIPTION

#### Design / Construction

<b>Interleave:</b>	0.0025" Polyethylene	
<b>Side1:</b>	Cured, Self Fusing, Silicone Rubber	
<b>Substrate:</b>	Style 7628 Fiberglass	
<b>Rubber Add-On Thickness</b>		
<b>Side 1:</b>	<b>Value</b>	<b>Method</b>
	0.005"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.013"	Arlon SQA-TMS-003

**Product Color :** Red

### PROPERTIES

<b>Silicone Properties</b>		<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b>	psi	1085	ASTM D 412
<b>Elongation</b>	%	495	ASTM D 412
<b>Durometer</b>	Shore A Points	55	ASTM D 2240
<b>Specific Gravity</b>	---	1.17	Arlon SQA-TMS-024
<b>Substrate Properties</b>		<b>Value</b>	<b>Method</b>
<b>Thickness</b>		0.008"	Arlon SQA-TMS-003
<b>Product Properties</b>		<b>Value</b>	<b>Method</b>
<b>Dielectric Strength</b>	volts/mil	560	ASTM D 149
<b>Bond Strength (S1 to S1)</b>	lb/in	8.4	Arlon SQA-TMS-011
<b>Total Product Weight</b>	oz/yd2	12.8	Arlon SQA-TMS-025

### SHELF LIFE AND PROCESSING RECOMMENDATIONS

<b>Product Shelf Life</b>	12 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 characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.</i>	
<b>Recommended Cure Cycle</b>	5 to 50 psi
<b>Recommended Post Cure Cycle</b>	N/A
<b>Product Operating Temperature</b>	-70°F to 400°F

### UL INFORMATION

<b>File:</b>	N/A
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The data should not be used to write, or in place of, material specifications.

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