



Arlon Silicones Technology

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## PRODUCT INFORMATION SHEET

Arlon Product Number

99202R010

### PRODUCT DESCRIPTION

#### Design / Construction

**Interleave:** 0.0015" polyethylene  
**Side 1:** Cured Silicone Rubber  
**Carrier:** 0.003" PTFE coated fiberglass



#### Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.010"	Arlon SQA-TMS-003
<b>Side 2:</b>	N/A	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.010"	Arlon SQA-TMS-003

**Product Color :** Natural

### PHYSICAL PROPERTIES

#### Side 1 Silicone Properties

	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> psi	924	ASTM D 412
<b>Elongation</b> %	352	ASTM D 412
<b>Tear Strength (Die B)</b> ppiw	89	ASTM D624
<b>Durometer</b> Shore A Points	52	ASTM D2240
<b>Specific Gravity</b> ---	1.30	Arlon SQA-TMS-024

#### Carrier Properties

	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.003"	Arlon SQA-TMS-003

#### Product Properties

	<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b> volts/mil	1195	ASTM D 149
<b>Total Product Weight</b> oz/yd <sup>2</sup>	11.0	Arlon SQA-TMS-025

### SHELF LIFE & PROCESSING RECOMMENDATIONS

#### Product Shelf Life

5 years 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

400°F for 2 hours

#### Product Operating Temperature

-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.*

*Please verify that any printed hard copies of this datasheet are current by referencing:*

<http://www.rogerscorporation.com/Library/datasheets.htm>

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