



Arlon Silicones Technology

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## PRODUCT INFORMATION SHEET

**Arlon Product Number** A4040-B004

### PRODUCT DESCRIPTION

#### Design / Construction

**Side 1:** Cured self-fusing silicone rubber  
**Substrate:** 15% Sinusoidal fiberglass  
**Side 2:** Cured self-fusing silicone rubber  
**Interleave:** 0.001" Polyester film



#### Rubber Thickness

	<u>Value</u>	<u>Method</u>
<b>Width</b>	1.00"	Arlon SQA-TMS-012
<b>Overall Thickness:</b>	0.040"	Arlon SQA-TMS-012

**Product Color :** Black

### TYPICAL PROPERTIES

#### Product Properties

		<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b>	lb/in	99	Arlon SQA-TMS-048
<b>Elongation</b>	%	23	Arlon SQA-TMS-048
<b>Durometer (Silicone Compound)</b>	Shore A Points	50	Arlon SQA-TMS-014
<b>Specific Gravity (Silicone Compound)</b>	---	1.2	Arlon SQA-TMS-024
<b>Dielectric Strength</b>	volts/mil	561	Arlon SQA-TMS-020
<b>Adhesion Strength</b>	lb/in	9.3	Arlon SQA-TMS-047

### SHELF LIFE AND RECOMENDED OPERATING TEMPERATURE

**Product Shelf Life** 12 months from DOM @ 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.*

**Product Operating Temperature** -60 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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<http://www.rogerscorporation.com>*

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