



Arlon Silicones Technology

1100 Governor Lea Road, Bear, DE 19701  
1.302.834.2100 • 1.302.834.4021 (Fax)

## PRODUCT INFORMATION SHEET

**Arlon Product Number** T4020-R004

### 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" Mylar film



#### Rubber Thickness

	<u>Value</u>	<u>Method</u>
<b>Width</b>	1.0"	Arlon SQA-TMS-012
<b>Overall Thickness:</b>	0.020"	Arlon SQA-TMS-012

**Product Color :** Red

### TYPICAL PROPERTIES

#### Product Properties

		<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b>	psi	4646	Arlon SQA-TMS-048
<b>Elongation</b>	%	20	Arlon SQA-TMS-048
<b>Durometer</b>	Shore A Points	50	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.2	Arlon SQA-TMS-024
<b>Dielectric Strength</b>	volts/mil	611	Arlon SQA-TMS-020
<b>Adhesion Strength</b>	lb/in	6	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.  
 Please verify that any printed hard copy of this datasheet is current by referencing:  
<http://www.rogerscorporation.com>*

Last Revised May 14, 2016.