



Arlon Silicones Technology

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## PRODUCT INFORMATION SHEET

**Arlon Product Number** T1030-R004

### PRODUCT DESCRIPTION

1.00 inch wide, 0.030 inch thick, red, rectangular cross-section, silicone self-fusing tape.  
Product is supplied in various yard long roll lengths.

#### Design / Construction

**Product:** Cured self-fusing silicone rubber

**Cross-Section** 1.00" wide Rectangular

**Interleave:** 0.001" Polyester film

<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Width</b>	1.00"	Arlon SQA-TMS-012
<b>Overall Thickness:</b>	0.030"	Arlon SQA-TMS-012

**Product Color :** Red

### TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> <b>psi</b>	1578	Arlon SQA-TMS-009
<b>Elongation</b> <b>%</b>	712	Arlon SQA-TMS-009
<b>Durometer</b> <b>Shore A Points</b>	52	Arlon SQA-TMS-014
<b>Specific Gravity</b> ---	1.2	Arlon SQA-TMS-024
<b>Dielectric Strength</b> <b>volts/mil</b>	667	Arlon SQA-TMS-020
<b>Bond Strength</b> <b>lb/in</b>	3.4	Arlon SQA-TMS-015
<b>Water Absorption</b> <b>%</b>	0.1	Arlon SQA-TMS-016

### 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.