

## PRODUCT INFORMATION SHEET

**Arlon Product Number** RBLW401X##-P1

### PRODUCT DESCRIPTION

**Rapid Bond:** 1 inch wide, 0.040" thick, red, triangular cross-section silicone self-fusing tape. Product is supplied in various roll lengths. ## in the product number indicates roll length in yards. **RB tape is designed for high instantaneous adhesion when brought into contact under light pressure**

#### Design / Construction

**Rubber:** Cured self-fusing silicone rubber  
**Cross-Section:** 1" wide triangular  
**Interleave:** 0.0025" polyethylene



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

**Product Color :** Gray

### PROPERTIES

<u>Product Properties</u>		<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b>	<b>psi</b>	1450	ASTM D 412
<b>Elongation</b>	<b>%</b>	473	ASTM D 412
<b>Durometer</b>	<b>Shore A Points</b>	60	ASTM D 2240
<b>Specific Gravity</b>	<b>---</b>	1.20	Arlon SQA-TMS-024
<b>Dielectric Strength</b>	<b>volts/mil</b>	522	ASTM D149
<b>Bond Strength</b>	<b>lb/in</b>	3.1	Arlon SQA-TMS-015
<b>Water absorption</b>	<b>%</b>	1.0	Arlon SQA-TMS-016

### SHELF LIFE AND OPERATING TEMPERATURE RANGE

**Product Shelf Life** 12 months from the 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/Library/datasheets.htm>*

Last Revised May 13, 2016.