



Arlon Silicones Technology

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## PRODUCT INFORMATION SHEET

**Arlon Product Number** LW401R ## - P0  
**Customer Part Number**

### PRODUCT DESCRIPTION

1 inch wide, 40 mil thick, Red, Triangular cross-section self-fusing silicone tape.  
Product is supplied in various roll lengths. ## in product number indicates roll length in yards.

Arlon STD Certificate of Compliance for commercial applications will be provided with each order.

#### Design / Construction

**Rubber:** Cured self-fusing silicone rubber  
**Cross-Section:** 1" wide Triangular  
**Interleave:** 3 mil PE



#### Rubber Thickness

**Rubber:**

#### Value

40

#### Method

Arlon SQA-TMS-003

**Product Color :** Red

### PHYSICAL PROPERTIES

#### Silicone Compound Physical Properties

		<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b>	psi	1025	ASTM D 412
<b>Elongation</b>	%	480	ASTM D 412
<b>Durometer</b>	Shore A Points	55	ASTM D 2240
<b>Specific Gravity</b>	---	1.15	Arlon SQA-TMS-024

#### Product Physical Properties

		<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b>	volts/mil	340	ASTM D 149
<b>Bond Strength</b>	lb/in	3.0	MIL-I-46852C
<b>Water absorption</b>	%	0.5	MIL-I-46852C

### PROCESSING RECOMMENDATIONS

**Product Shelf Life** 12 months from DOM @ 75°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.*

Last Revised May 13, 2016.