



Arlon Silicones Technology

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## PRODUCT INFORMATION SHEET

**Arlon Product Number** HSLW401R ## - P0  
**Customer Part Number**

### PRODUCT DESCRIPTION

High-Strength, 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.

#### Design / Construction

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



<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Rubber:</b>	0.040"	Arlon SQA-TMS-003

**Product Color :** Red

### PHYSICAL PROPERTIES

<u>Silicone Compound Physical Properties</u>	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> psi	960	ASTM D 412
<b>Elongation</b> %	390	ASTM D 412
<b>Durometer</b> Shore A Points	55	ASTM D 2240
<b>Specific Gravity</b> ---	1.17	Arlon SQA-TMS-024

<u>Product Physical Properties</u>	<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b> volts/mil	570	ASTM D 149
<b>Bond Strength</b> lb/in	4.3	MIL-I-46852C
<b>Allis-Chalmers Tack</b> in	1/16	Arlon SQA-TMS-013
<b>Water absorption</b> %	2.0	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.