

## PRODUCT INFORMATION SHEET

**Arlon Product Number**    LW5015Yxx- M1

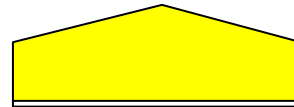
### PRODUCT DESCRIPTION

1.5 inch wide, 0.050" thick, yellow, triangular cross-section, silicone self-fusing tape.  
Product is supplied in various yard long roll lengths as indicated by the xx characters in the part number.

Meets U.S. Military Specification A-A-59163 (supersedes Mil-I-46852C) except for sampling level and packaging. The following tests are conducted on one roll for each lot of tape: Thickness, Width, Bond Strength, Tensile Strength, Elongation, Dielectric Strength, and Water Absorption.

#### Design / Construction

**Rubber:**            Cured self-fusing silicone rubber  
**Cross-Section:**        1.5" wide triangular  
**Interleave:**            1.0 mil mylar



<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
<b>Rubber:</b>	0.050"	Arlon SQA-TMS-012

**Product Color :**    Yellow tape with a black guideline

### TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> <b>psi</b>	1416	Arlon SQA-TMS-048
<b>Elongation</b> <b>%</b>	473	Arlon SQA-TMS-048
<b>Durometer</b> <b>Shore A Points</b>	55	Arlon SQA-TMS-014
<b>Specific Gravity</b> <b>---</b>	1.2	Arlon SQA-TMS-024
<b>Dielectric Strength</b> <b>volts/mil</b>	434	Arlon SQA-TMS-020
<b>Bond Strength</b> <b>lb/in</b>	3.7	Arlon SQA-TMS-047
<b>Water Absorption</b> <b>%</b>	0	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>*