

PRODUCT INFORMATION SHEET

Arlon Product Number LW401Yxx- M1

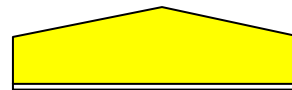
PRODUCT DESCRIPTION

1.0 inch wide, 0.040" 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: 1.0" wide triangular
Interleave: 1.0 mil mylar



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

Product Color : Yellow tape with a red guideline

TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	1409	Arlon SQA-TMS-048
Elongation %	466	Arlon SQA-TMS-048
Durometer Shore A Points	55	Arlon SQA-TMS-014
Specific Gravity ---	1.2	Arlon SQA-TMS-024
Dielectric Strength volts/mil	513	Arlon SQA-TMS-020
Bond Strength lb/in	3.6	Arlon SQA-TMS-047
Water Absorption %	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.
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