



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	LW301CxxFR-P1

PRODUCT DESCRIPTION

1.0" wide, 0.030" thick, brown, 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 Commercial Item Description A-A-59163 (supersedes US Military Specification MIL-I-46852C) except for packaging. The following tests are conducted with sampling dictated by MIL-I-46852C: 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: 0.003" Polyethylene



<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Rubber:	0.030"	Arlon SQA-TMS-012

Product Color : Brown tape with a white guideline

TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength lb/in	997	Arlon SQA-TMS-009
Elongation %	477	Arlon SQA-TMS-009
Durometer (Silicone Compound) Shore A Points	55	Arlon SQA-TMS-014
Specific Gravity (Silicone Compound) ---	1.20	Arlon SQA-TMS-024
Dielectric Strength volts/mil	577	Arlon SQA-TMS-020
Bond Strength lb/in	2.7	Arlon SQA-TMS-015
Water Absorption %	1.0	Arlon SQA-TMS-016
Flame Resistance UL94	V-0	Arlon SQA-TMS-019

SHELF LIFE AND RECOMMENDED 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°F to +400°F

The data presented in this document represents typical values for the production material.
 Typical values should not be used for specification limits.

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