



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number LW301CxxFR-P0

PRODUCT DESCRIPTION

1 inch wide, 30 mil thick, Brown, Triangular cross-section self-fusing silicone tape.
Product is supplied in various roll lengths. # # in the product number indicates roll length in yards.

Design / Construction

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



<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Rubber:	0.030"	Arlon SQA-TMS-003

Product Color : Brown

PHYSICAL PROPERTIES

<u>Silicone Compound Physical Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	610	ASTM D 412
Elongation %	500	ASTM D 412
Durometer Shore A Points	55	ASTM D 2240
Specific Gravity ---	1.20	Arlon SQA-TMS-024

<u>Product Physical Properties</u>	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	465	ASTM D 149
Bond Strength lb/in	3.2	Arlon SQA-TMS-015
Flame Resistance		
Flame and Glow (seconds)	4.4	FAR 25.853 App.F, P.1.,Aii
Char length (inches)	0.60	FAR 25.853 App.F, P.1.,Aii

PROCESSING RECOMMENDATIONS

Product Shelf Life 12 months from Date of Manufacture @ 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

FAR 25.853 Recognition

File : Product is designed to meet the FAR 25.853 App.F, P.1.,Aii flame resistance requirements but is not recognized by a FAA test Laboratory.

*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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<http://www.rogerscorporation.com/Library/datasheets.htm>*

Last Revised May 13, 2016.