



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number

T3015-R004

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured fusible silicone rubber
Substrate: 25% sinusoidal fiberglass
Side 2: Cured fusible silicone rubber
Interleave: 0.001" polyester film



Dimensions

Width:
Overall Thickness:

Value

1.00"
0.015"

Method

Arlon SQA-TMS-012
Arlon SQA-TMS-012

Product Color : Red

PROPERTIES

Silicone Compound Properties

		<u>Value</u>	<u>Method</u>
Tensile Strength	psi	1198	ASTM D 412
Elongation	%	580	ASTM D 412
Tear Strength (Die B)	lb/in	124	ASTM D 624
Durometer	Shore A Points	50	ASTM D 2240
Specific Gravity	---	1.2	Arlon SQA-TMS-024

Substrate Properties

	<u>Value</u>	<u>Method</u>
Thickness	0.008"	Arlon SQA-TMS-012
Color	Naturally White	N/A

Tape Properties

		<u>Value</u>	<u>Method</u>
Dielectric Breakdown Strength	volts/mil	563	ASTM D 149
Elongation	%	28	Arlon SQA-TMS-048
Tensile Strength	Lb/in	61	Arlon SQA-TMS-048
Adhesion strength	Lb/in	4.3	Arlon SQA-TMS-047

SHELF LIFE & OPERATING TEMPERATURE

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.

Recommended Cure Cycle N/A

Recommended Post Cure Cycle N/A

Product Operating Temperature -70°F to 450°F

UL INFORMATION

File : N/A

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/Library/datasheets.htm>

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