



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number

99020N015

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.001" FEP film
Side 1: Uncured Silicone Rubber
Carrier: 0.003" PTFE coated fiberglass



Rubber Add-On Thickness

	Side 1:	Value	Method
	Side 2:	0.015"	Arlon SQA-TMS-003
	Overall Thickness:	N/A	Arlon SQA-TMS-003
		0.015"	Arlon SQA-TMS-003

Product Color : Natural

PHYSICAL PROPERTIES

Side 1 Silicone Properties

	Value	Method
Tensile Strength psi	1450	ASTM D 412
Elongation %	654	ASTM D 412
Tear Strength (Die B) ppiw	280	ASTM D624
Durometer Shore A Points	69	ASTM D2240
Specific Gravity ---	1.22	Arlon SQA-TMS-024

Carrier Properties

	Value	Method
Thickness	0.003"	Arlon SQA-TMS-003

Product Properties

	Value	Method
Dielectric Strength volts/mil	1265	ASTM D 149
Shear Strength psi	829	ASTM D 1002
Total Product Weight oz/yd ²	18.1	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 6 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.

Recommend Primer Chemlock 607

Recommended Cure Cycle 15 minutes @350°F; 50 PSI

Recommended Post Cure None

Product Operating Temperature -70°F to 450°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 copies of this datasheet are current by referencing:

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

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