



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

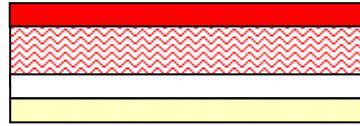
Arlon Product Number

47568R0055E

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured Silicone Rubber
Substrate: Style 2113 fiberglass
Side 2: Acrylic PSA
Interleave: Polypropylene



Thickness

	Value	Method
Side 1:	0.0020"	Arlon SQA-TMS-003
Side 2:	0.0020"	Arlon SQA-TMS-003
Overall Thickness:	0.0075"	Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES

Silicone Compound Properties

	Value	Method
Tensile Strength psi	900	ASTM D 412
Elongation %	600	ASTM D 412
Durometer Shore A Points	45	ASTM D 2240
Specific Gravity ---	1.21	Arlon SQA-TMS-024

Fiberglass Substrate Properties

	Value	Method
Thickness	0.0035"	Arlon SQA-TMS-003
Color		

Product Properties

	Value	Method
Dielectric Strength volts/mil	400	ASTM D 149
Bond Strength lb/in	0.5	ASTM D 624
Total Product Weight oz/yd ²	6.5	Arlon SQA-TMS-025

SHELF LIFE & 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 requirements outlined. 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 -40°F to 300°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 copy of this datasheet is current by referencing:

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

Last Revise May 9, 2016.