



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number

99202R008

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.0015" polyethylene
Side 1: Cured Silicone Rubber
Carrier: 0.003" PTFE coated fiberglass



Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
Side 1:	0.008"	Arlon SQA-TMS-003
Side 2:	N/A	Arlon SQA-TMS-003
Overall Thickness:	0.008"	Arlon SQA-TMS-003

Product Color : Natural

PHYSICAL PROPERTIES

Side 1 Silicone Properties

	<u>Value</u>	<u>Method</u>
Tensile Strength psi	924	ASTM D 412
Elongation %	352	ASTM D 412
Tear Strength (Die B) ppiw	89	ASTM D624
Durometer Shore A Points	52	ASTM D2240
Specific Gravity ---	1.30	Arlon SQA-TMS-024

Carrier Properties

	<u>Value</u>	<u>Method</u>
Thickness	0.003"	Arlon SQA-TMS-003

Product Properties

	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	1325	ASTM D 149
Total Product Weight oz/yd ²	7.5	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life

5 years 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

400°F for 2 hours

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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