

PRODUCT INFORMATION SHEET

Arlon Product Number

51044R015

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.0025" Polyethylene
Side 1: Semi-Cured Silicone Rubber
Substrate: Style 7628 Fiberglass



Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
Side 1:	0.0095"	Arlon SQA-TMS-003
Side 2:	N/A	Arlon SQA-TMS-003
Overall Thickness:	0.0175"	Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

<u>Silicone Compound Properties</u>		<u>Value</u>	<u>Method</u>
Tensile Strength	psi	1085	Arlon SQA-TMS-008
Elongation	%	429	Arlon SQA-TMS-008
Durometer	Shore A Points	62	Arlon SQA-TMS-014
Specific Gravity	---	1.20	Arlon SQA-TMS-024

<u>Substrate Properties</u>		<u>Value</u>	<u>Method</u>
Thickness		0.008"	Arlon SQA-TMS-003
Color		Red	N/A

<u>Product Properties</u>		<u>Value</u>	<u>Method</u>
Dielectric Strength	volts/mil	706	Arlon SQA-TMS-020
Bond Strength	lb/in	10.1	Arlon SQA-TMS-011
Total Product Weight	oz/yd ²	16.5	Arlon SQA-TMS-025

SHELF LIFE AND PROCESSING RECOMMENDATIONS

Product Shelf Life	3 months from date of manufacture @ 70°F <i>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.</i>
Recommended Cure Cycle	15 minutes @ 350°F and 50 psi
Recommended Post Cure Cycle	400°F for 2 hours
Product Operating Temperature	-70°F to 400°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.
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