



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number 51268R015P
Customer Part Number

PRODUCT DESCRIPTION

Design / Construction

Interleave: 3 mil PE
Side 2, Layer 2: Uncured silicone rubber
Side 2, Layer 1: Cured silicone rubber
Substrate: 7628 Style Fiberglass
Side 1: Cured silicone rubber



Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
Side 2:	6 mil	Arlon SQA-TMS-003
Side 1:	1 mil	Arlon SQA-TMS-003
Overall Thickness:	15 mil	Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES

Silicone Compound Physical Properties

	<u>Value</u>	<u>Method</u>
Tensile Strength psi	880	ASTM D 412
Elongation %	480	ASTM D 412
Tear Strength lb/in	63	ASTM D 624
Durometer Shore A Points	50	ASTM D 2240
Specific Gravity ---	1.24	Arlon SQA-TMS-024

Substrate Physical Properties

	<u>Value</u>	<u>Method</u>
Thickness	8 mil	---

Product Physical Properties

	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	560	ASTM D 149
Bond Strength lb/in	8.6	ASTM D 624
Total Product Weight oz/yd ²	16.7	Arlon SQA-TMS-025

PROCESSING RECOMMENDATIONS

Product Shelf Life 6 months from date of manufacture @75°F

Note: Shelf life is defined as the duration of time for which the product will meet the physical requirements outlined below. It does not guarantee the product's usefulness in all applications.

Recommended Cure Cycle 15 Minutes @350° F

Recommended Postcure Cycle 2 Hours @400° F

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.*

Last Revised May 9, 2016.