



SILICONE TECHNOLOGIES DIVISION
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PRODUCT INFORMATION SHEET

Arlon Product Number 55946C028

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured silicone rubber
Substrate: 162 Style Fiberglass
Side 2: Uncured silicone rubber
Interleave: 3 mil PE



Rubber Add-On Thickness

Side 1:
Side 2:
Overall Thickness:

Value

5 mil
 6.5 mil
 29.5 mil

Method

Arlon SQA-TMS-003
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Product Color : Brown

PHYSICAL PROPERTIES

Silicone Compound Properties

		<u>Value</u>	<u>Method</u>
Tensile Strength	psi	1150	ASTM D 412
Elongation	%	550	ASTM D 412
Tear Strength	lb/in	120	ASTM D 624
Durometer	Shore A Points	55	ASTM D 2240
Specific Gravity	---	1.32	Arlon SQA-TMS-024

Substrate Physical Properties

	<u>Value</u>	<u>Method</u>
Thickness	18 mil	---

Product Physical Properties

		<u>Value</u>	<u>Method</u>
Dielectric Strength	volts/mil	500	ASTM D 149
Bond Strength	lb/in	7	ASTM D 624
Total Product Weight	oz/yd ²	32	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 characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

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

Recommended Postcure Cycle 400°F for 2 hours

Product Operating Temperature -70°F to 400°F

FLAME RETARDANCE INFORMATION

UL Recognition : UL 94-V0 at 150°C per card E54153

*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 Feb. 19, 2003.