



Elastomeric Material Solutions Division

1100 Governor Lea Road, Bear, DE 19701
(302) 834-2100 (302) 834-4021 (Fax)
www.rogerscorp.com/arlon

PRODUCT INFORMATION SHEET

ARLON® Product Number 18986XA023

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured Silicone Rubber
Substrate Style 11523 Fiberglass
Side 2: Uncured Silicone Rubber
Interleave: 0.0025" Polyethylene



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
Side 1:	0.004"	Arlon SQA-TMS-003
Side 2:	0.004"	Arlon SQA-TMS-003
Overall Thickness:	0.023"	Arlon SQA-TMS-003

Product Color : Gray

TYPICAL PROPERTIES

<u>Silicone Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	700	Arlon SQA-TMS-008
Elongation %	190	Arlon SQA-TMS-008
Durometer Shore A Points	72	Arlon SQA-TMS-014
Specific Gravity ---	1.6	Arlon SQA-TMS-024
<u>Substrate Properties</u>	<u>Value</u>	<u>Method</u>
Thickness	0.015"	Arlon SQA-TMS-003
Color	White	N/A
<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	473	Arlon SQA-TMS-020
Bond Strength lb/in	3.6	Arlon SQA-TMS-011
Flammability Rating UL94	V-0	Arlon SQA-TMS-019
Total Product Weight oz/yd ²	15.9	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 6 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 characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

Recommended Cure Cycle 15 minutes @ 250°F and 50 psi

Recommended Post-cure Cycle 400°F for 2 hours

Product Operating Temperature -70°F to 428°F

UL RECOGNITION

*Product is designed to meet the UL94V-0 flame resistance requirements but is not recognized by Underwriters Laboratories.

The data presented in this document represents typical values for the production material.

Typical values should not be used for specification limits.

Please verify that any printed hard copy of this datasheet is current by referencing: www.rogerscorp.com/arlon

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