



Elastomeric Material Solutions Division
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 www.rogerscorp.com/aron

PRODUCT INFORMATION SHEET	
ARLON® Product Number	44576X015

PRODUCT DESCRIPTION

Design / Construction

Side 1 Interleave: 0.0025" polyethylene
Side 1: Cured Silicone Rubber
Substrate: Style 1165 fiberglass
Side 2: Uncured Silicone Rubber
Side 2 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:	0.006"	Arlon SQA-TMS-003
Overall Thickness:	0.015"	Arlon SQA-TMS-003

Product Color : Gray

TYPICAL PROPERTIES

<u>Silicone Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	1100	Arlon SQA-TMS-008
Elongation %	650	Arlon SQA-TMS-008
Durometer Shore A Points	44	Arlon SQA-TMS-014
Specific Gravity ---	1.24	Arlon SQA-TMS-024
<u>Substrate Properties</u>	<u>Value</u>	<u>Method</u>
Thickness	0.005"	Arlon SQA-TMS-003
Color	White	N/A
<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	917	Arlon SQA-TMS-020
Bond Strength (S1 to S2) lb/in	9.3	Arlon SQA-TMS-011
Total Product Weight oz/yd ²	15.6	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life	Six 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

UL INFORMATION

UL Recognition :	E54153 (220°C/200°C)
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- The data presented in this document represent 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/aron

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