

PRODUCT INFORMATION SHEET

Arlon Product Number 55148R036

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.0025" PE
Side 2 Layer 2: Uncured Silicone Rubber
Side 2 Layer 1: Cured Silicone Rubber
Substrate: Style 162 fiberglass
Side 1: Cured Silicone Rubber



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
Side 1:	0.008"	Arlon SQA-TMS-003
Side 2 Layer 1:	0.006"	Arlon SQA-TMS-003
Side 2 Layer 2:	0.006"	Arlon SQA-TMS-003
Overall Thickness:	0.036"	Arlon SQA-TMS-003

Product Color: Red

TYPICAL PROPERTIES

<u>Silicone Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength: psi	800	ASTM D 412
Elongation: %	225	ASTM D 412
Tear Strength: ppiw	90	ASTM D624
Durometer: Shore A Points	60	ASTM D 2240
Specific Gravity: ---	1.35	Arlon SQA-TMS-024

<u>Substrate Properties</u>	<u>Value</u>	<u>Method</u>
Thickness:	0.016"	Arlon SQA-TMS-003
Color:	Red	N/A

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Dielectric Strength: volts/mil	500	ASTM D 149
Bond Strength: lb/in	11.0	SQA-TMS-011
Total Product Weight: oz/yd ²	37.4	Arlon SQA-TMS-025

SHELF LIFE AND 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; 50 psi

Recommended Post Cure Cycle: 400°F for 2 hours

Product Operating Temperature: -70°F to 450°F

UL RECOGNITION

UL Recognition: E54153 RTI 200°C/200°C

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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