

**PRODUCT INFORMATION SHEET**
**Arlon Product Number** 55366X028

**PRODUCT DESCRIPTION**
**Design / Construction**

**Side 1:** Cured Silicone Rubber  
**Substrate:** 162 Style Fiberglass  
**Side 2:** Uncured Silicone Rubber  
**Interleave** 0.0025" Polyethylene


**Rubber Add-On Thickness**

	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.0065"	Arlon SQA-TMS-003
<b>Side 2:</b>	0.0070"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.0295"	Arlon SQA-TMS-003

**Product Color :** Gray

**TYPICAL PROPERTIES**
**Silicone Properties**

	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> psi	1000	Arlon SQA-TMS-008
<b>Elongation</b> %	275	Arlon SQA-TMS-008
<b>Durometer</b> Shore A Points	66	Arlon SQA-TMS-014
<b>Specific Gravity</b> ---	1.47	Arlon SQA-TMS-024

**Substrate Properties**

	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.016"	Arlon SQA-TMS-003
<b>Color</b>	Clear	N/A

**Product Properties**

	<u>Value</u>	<u>Method</u>
<b>Dielectric Strength</b> volts/mil	600	Arlon SQA-TMS-020
<b>Bond Strength (S2 to S2)</b> lb/in	5.8	Arlon SQA-TMS-011
<b>Total Product Weight</b> oz/yd <sup>2</sup>	30.7	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

**Product Operating Temperature**

-70°F to 400°F

**FLAME RESISTANCE**
**Flame Resistance**

Product designed to meet Title 14 CFR 25.856(a) Appendix F, Part VI flame resistance requirements.

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.  
 Please verify that any printed hard copy of this datasheet is current by referencing:  
<http://www.rogerscorporation.com>

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