

**PRODUCT INFORMATION SHEET**
**Arlon Product Number** 51229R015  
**Customer Part Number**
**PRODUCT DESCRIPTION**
**Design / Construction**
**Interleave:** 3 mil PE  
**Layer 2:** Uncured silicone rubber  
**Layer 1:** Cured silicone rubber  
**Substrate:** 7628 Style Fiberglass


<b>Rubber Add-On Thickness</b>	<b>Value</b>	<b>Method</b>
<b>Layer 2:</b>	5 mil	Arlon SQA-TMS-003
<b>Layer 1:</b>	2 mil	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	15 mil	Arlon SQA-TMS-003

**Product Color :** Red

**PHYSICAL PROPERTIES**

<b>Silicone Compound Physical Properties</b>	<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b> psi	880	ASTM D 412
<b>Elongation</b> %	480	ASTM D 412
<b>Tear Strength</b> lb/in	63	ASTM D 624
<b>Durometer</b> Shore A Points	50	ASTM D 2240
<b>Specific Gravity</b> ---	1.24	Arlon SQA-TMS-024

<b>Substrate Physical Properties</b>	<b>Value</b>	<b>Method</b>
<b>Thickness</b>	8 mil	---

<b>Product Physical Properties</b>	<b>Value</b>	<b>Method</b>
<b>Dielectric Strength</b> volts/mil	510	ASTM D 149
<b>Bond Strength</b> lb/in	7.8	ASTM D 624
<b>Total Product Weight</b> oz/yd <sup>2</sup>	16.7	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 requirements outlined below.  
 It does not guarantee the product's usefulness in all applications.*

**Recommended Cure Cycle** 15 Minutes @350° F

**Recommended Postcure Cycle** 2 Hours @400° F

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

*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 May 9, 2016.