




**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	
<b>ARLON® Product Number</b>	55986R028

PRODUCT DESCRIPTION			
<b>Design / Construction</b>			
<b>Side 1:</b>	Cured Silicone Rubber		
<b>Substrate</b>	Style 162 fiberglass		
<b>Side 2:</b>	Uncured Silicone Rubber		
<b>Interleave:</b>	0.003" polyethylene		
			
<b>Rubber Add-On Thickness</b>		<b>Value</b>	<b>Method</b>
	<b>Side 1:</b>	0.006"	Arlon SQA-TMS-003
	<b>Side 2:</b>	0.006"	Arlon SQA-TMS-003
	<b>Overall Thickness:</b>	0.028"	Arlon SQA-TMS-003
<b>Product Color :</b>	Red		
TYPICAL PROPERTIES			
<b>Side 1 Silicone Properties</b>		<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b>	psi	838	Arlon SQA-TMS-008
<b>Elongation</b>	%	128	Arlon SQA-TMS-008
<b>Tear Strength (Die B)</b>	ppiw	89	Arlon SQA-TMS-029
<b>Durometer</b>	Shore A Points	74	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.62	Arlon SQA-TMS-024
<b>Substrate Properties</b>		<b>Value</b>	<b>Method</b>
<b>Thickness</b>		0.016"	Arlon SQA-TMS-003
<b>Color</b>		Red	N/A
<b>Product Properties</b>		<b>Value</b>	<b>Method</b>
<b>Dielectric Strength</b>	volts/mil	690	Arlon SQA-TMS-020
<b>Bond Strength (S2 to S2)</b>	lb/in	2.6	Arlon SQA-TMS-011
<b>Total Product Weight</b>	oz/yd <sup>2</sup>	35.6	Arlon SQA-TMS-025
<b>Flame Resistance</b>	UL94	V-0	Arlon SQA-TMS-019
SHELF LIFE & PROCESSING RECOMMENDATIONS			
<b>Product Shelf Life</b>	6 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>		
<b>Recommended Cure Cycle</b>	15 minutes @ 250°F and 50 psi		
<b>Recommended Postcure Cycle</b>	400°F for 2 hours		
<b>Product Operating Temperature</b>	-70°F to 428°F		
UL INFORMATION			
<b>UL Recognition :</b>	E54153		

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](http://www.rogerscorp.com/arlon)

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