



**Elastomeric Material Solutions Division**  
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PRODUCT INFORMATION SHEET	
<b>ARLON® Product Number</b>	55589G028

### PRODUCT DESCRIPTION

<b>Design / Construction</b>			
<b>Interleave:</b>	0.0025" polyethylene		
<b>Layer 2:</b>	Uncured Silicone Rubber		
<b>Layer 1:</b>	Cured Silicone Rubber		
<b>Substrate:</b>	Style 162 Fiberglass		
<b>Rubber Add-On Thickness</b>			
	<b>Layer 2:</b>	<b>Value</b>	<b>Method</b>
	<b>Layer 1:</b>	0.0075"	Arlon SQA-TMS-003
	<b>Overall Thickness:</b>	0.0040"	Arlon SQA-TMS-003
		0.0295"	Arlon SQA-TMS-003

**Product Color :** Green

### TYPICAL PROPERTIES

<b>Layer 2 Silicone Properties</b>			
<b>Tensile Strength</b>	psi	<b>Value</b>	<b>Method</b>
		950	Arlon SQA-TMS-008
<b>Elongation</b>	%	620	Arlon SQA-TMS-008
<b>Tear Strength (Die B)</b>	ppiw	150	Arlon SQA-TMS-029
<b>Durometer</b>	Shore A Points	37	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.34	Arlon SQA-TMS-024
<b>Layer 1 Silicone Properties</b>			
<b>Tensile Strength</b>	psi	<b>Value</b>	<b>Method</b>
		530	Arlon SQA-TMS-008
<b>Elongation</b>	%	300	Arlon SQA-TMS-008
<b>Tear Strength (Die B)</b>	ppiw	40	Arlon SQA-TMS-029
<b>Durometer</b>	Shore A Points	55	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.56	Arlon SQA-TMS-024
<b>Substrate Properties</b>			
<b>Thickness</b>		<b>Value</b>	<b>Method</b>
		0.018"	Arlon SQA-TMS-003
<b>Color</b>		White	N/A
<b>Product Properties</b>			
<b>Dielectric Strength</b>	volts/mil	<b>Value</b>	<b>Method</b>
		475	Arlon SQA-TMS-020
<b>Bond Strength (L2 to L2)</b>	lb/in	5.7	Arlon SQA-TMS-011
<b>Total Product Weight</b>	oz/yd2	33.3	Arlon SQA-TMS-025

### SHELF LIFE & PROCESSING RECOMMENDATIONS

<b>Product Shelf Life</b>	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.	
<b>Recommended Cure Cycle</b>	15 minutes @ 350°F and 50 PSI
<b>Recommended Post Cure Cycle</b>	400°F for 2 hours
<b>Product Operating Temperature</b>	-70°F to 428°F

### UL INFORMATION

<b>UL Recognition :</b>	UL 94 HB at 200°C per card E54153
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