




Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	48271R008

PRODUCT DESCRIPTION		
Design / Construction		
Side 1 Interleave:	0.0025" polyethylene	
Side 1:	Uncured Silicone Rubber	
Substrate:	Style 1080 fiberglass 	
Side 2:	Uncured Silicone Rubber	
Side 2 Interleave:	0.0025" polyethylene	
Rubber Add-On Thickness	Value	Method
Side 1:	0.0025"	Arlon SQA-TMS-003
Side 2:	0.0025"	Arlon SQA-TMS-003
Overall Thickness:	0.0080"	Arlon SQA-TMS-003
Product Color :	Red	
TYPICAL PROPERTIES		
Silicone Properties	Value	Method
Tensile Strength psi	1070	Arlon SQA-TMS-008
Elongation %	300	Arlon SQA-TMS-008
Tear Strength (Die B) lb./in.	90	Arlon SQA-TMS-029
Durometer Shore A Points	60	Arlon SQA-TMS-014
Specific Gravity ---	1.35	Arlon SQA-TMS-024
Substrate Properties	Value	Method
Thickness	0.003"	Arlon SQA-TMS-003
Color	Red	N/A
Product Properties	Value	Method
Dielectric Strength volts/mil	1031	Arlon SQA-TMS-020
Bond Strength (S1 to S2) lb/in	3.7	Arlon SQA-TMS-011
Total Product Weight oz/yd ²	7.2	Arlon SQA-TMS-025
SHELF LIFE & PROCESSING RECOMMENDATIONS		
Product Shelf Life	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>	
Recommended Cure Cycle	15 minutes @ 250°F and 50 psi	
Recommended Post Cure Cycle	400°F for 2 hours	
Product Operating Temperature	-70°F to 428°F	
UL INFORMATION		
UL Recognition :	E54153 (220°C/220°C)	

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/aron

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