




Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	51971R015

PRODUCT DESCRIPTION			
Design / Construction			
Side 1 Interleave:	0.0025" polyethylene		
Side 1:	Uncured Silicone Rubber		
Substrate:	Style 7628 fiberglass		
Side 2:	Uncured Silicone Rubber		
Side 2 Interleave:	0.0025" polyethylene		
Rubber Add-On Thickness		Value	Method
Side 1:		0.0035"	Arlon SQA-TMS-003
Side 2:		0.0035"	Arlon SQA-TMS-003
Overall Thickness:		0.0150"	Arlon SQA-TMS-003
Product Color:	Red		
TYPICAL PROPERTIES			
Silicone Properties		Value	Method
Tensile Strength	psi	794	Arlon SQA-TMS-008
Elongation	%	778	Arlon SQA-TMS-008
Durometer	Shore A Points	33	Arlon SQA-TMS-014
Specific Gravity	---	1.34	Arlon SQA-TMS-024
Substrate Properties		Value	Method
Thickness		0.008"	Arlon SQA-TMS-003
Color		Red	N/A
Product Properties		Value	Method
Bond Strength (S1 to S2)	lb/in	6.2	Arlon SQA-TMS-011
Flame Resistance	UL94	V-0	Arlon SQA-TMS-019
Total Product Weight	oz/yd ²	16.7	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 @ 350°F and 50 psi		
Recommended Post Cure Cycle	400°F for 2 hours		
Product Operating Temperature	-70°F to 428°F		

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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