



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	56586B031

PRODUCT DESCRIPTION			
Design / Construction			
Side 1:	Cured Silicone Rubber		
Substrate:	Style 1564 fiberglass		
Side 2:	Uncured Silicone Rubber		
Side 2 Interleave:	0.0025" polyethylene		
Rubber Add-On Thickness		Value	Method
Side 1:		0.0075"	Arlon SQA-TMS-003
Side 2:		0.0075"	Arlon SQA-TMS-003
Overall Thickness:		0.0310"	Arlon SQA-TMS-003
Product Color :	Black		
TYPICAL PROPERTIES			
Side 1 Silicone Properties		Value	Method
Tensile Strength	psi	530	Arlon SQA-TMS-008
Elongation	%	300	Arlon SQA-TMS-008
Durometer	Shore A Points	55	Arlon SQA-TMS-014
Specific Gravity	---	1.56	Arlon SQA-TMS-024
Side 2 Silicone Properties		Value	Method
Tensile Strength	psi	950	Arlon SQA-TMS-008
Elongation	%	620	Arlon SQA-TMS-008
Durometer	Shore A Points	37	Arlon SQA-TMS-014
Specific Gravity	---	1.34	Arlon SQA-TMS-024
Substrate Properties		Value	Method
Thickness		0.016"	Arlon SQA-TMS-003
Color		Black	N/A
Product Properties		Value	Method
Dielectric Strength	volts/mil	448	Arlon SQA-TMS-020
Bond Strength (S2 to S2)	lb/in	10.3	Arlon SQA-TMS-011
Total Product Weight	oz/yd²	35.4	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		
UL INFORMATION			
UL Recognition :	E54153 (200°C/200°C RTI)		

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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