



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	55279XA028

PRODUCT DESCRIPTION		
Design / Construction		
Interleave:	0.0025" Polyethylene	
Layer 2:	Uncured Silicone Rubber	
Layer 1:	Cured Silicone Rubber	
Substrate:	Style 162 Fiberglass	
Rubber Add-On Thickness	Value	Method
Layer 2:	0.0070"	Arlon SQA-TMS-003
Layer 1:	0.0065"	Arlon SQA-TMS-003
Overall Thickness:	0.0295"	Arlon SQA-TMS-003
Product Color:	Gray	
TYPICAL PROPERTIES		
Silicone Properties		
Tensile Strength	psi	1070
Elongation	%	300
Tear Strength (Die B)	ppiw	90
Durometer	Shore A Points	60
Specific Gravity	---	1.35
Coefficient of Thermal Expansion (30°C -> 220°C)	°C⁻¹	285x10 ⁻⁶
Thermal Conductivity (150°C)	W/mK	0.26
Substrate Properties		
Thickness	Value	0.016"
Color	Value	White
Product Properties		
Dielectric Strength	volts/mil	466
Bond Strength (L2 to L2)	lb/in	15.9
Total Product Weight	oz/yd²	31.6
SHELF LIFE & PROCESSING RECOMMENDATIONS		
Product Shelf Life	6 months from date of manufacture @ 75°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 (RTI 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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