



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	44571R008A

PRODUCT DESCRIPTION		
Design / Construction		
Side 1 Interleave:	0.0025" polyethylene	
Side 1:	Uncured Silicone Rubber	
Substrate:	Style 1165 fiberglass	
Side 2:	Uncured Silicone Rubber	
Side 2 Interleave:	0.0025" polyethylene	
Rubber Add-On Thickness	Value	Method
Side 1:	0.0015"	Arlon SQA-TMS-003
Side 2:	0.0015"	Arlon SQA-TMS-003
Overall Thickness:	0.0085"	Arlon SQA-TMS-003
Product Color :	Red	
TYPICAL PROPERTIES		
Silicone Properties		
Tensile Strength	psi	Value
		1100
Elongation	%	Value
		650
Durometer	Shore A Points	Value
		44
Specific Gravity	---	Value
		1.24
Substrate Properties		
Thickness		Value
		0.0055"
Color		Value
		Red
Product Properties		
Dielectric Strength	volts/mil	Value
		768
Bond Strength (S1 to S2)	lb/in	Value
		4.7
Total Product Weight	oz/yd²	Value
		8.7
SHELF LIFE AND OPERATING TEMPERATURE		
Product Shelf Life	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.		
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 400°F	
UL INFORMATION		
UL Recognition :	E54153 (200/220°C)	

The data presented in this document represent 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 /arlon

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