




Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	48D11A009

PRODUCT DESCRIPTION			
Design / Construction			
Side 1 Interleave:	0.002" Clear PET		
Side 1:	Uncured Silicone Rubber		
Substrate:	Style 1080 Fiberglass 		
Side 2:	Uncured Silicone Rubber		
Side 2 Interleave:	0.002" White PET		
Rubber Add-On Thickness		Value	Method
	Side 1:	0.003"	Arlon SQA-TMS-003
	Side 2:	0.003"	Arlon SQA-TMS-003
	Overall Thickness:	0.009"	Arlon SQA-TMS-003
Product Color :	Light Blue		
TYPICAL PROPERTIES			
Silicone Properties			
Glass Transition Temperature	°F	Value	Method
		-85	Arlon SQA-TMS-055
Thermal Conductivity @100°C	W/mK	1.2	Arlon SQA-TMS-022
Durometer	Shore A Points	85	Arlon SQA-TMS-014
Specific Gravity	---	2.64	Arlon SQA-TMS-024
Substrate Properties			
Thickness		Value	Method
		0.003"	Arlon SQA-TMS-003
Color		White	N/A
Product Properties			
Dielectric Strength	volts/mil	Value	Method
		1037	Arlon SQA-TMS-020
Lap Shear Strength	psi	454	Arlon SQA-TMS-018
Torque Strength	kg-cm	11.0	Arlon SQA-TMS-065
Flame Resistance	UL94	V-0	Arlon SQA-TMS-019
Thermal Impedance @380psi	in²C/W	0.4	Arlon SQA-TMS-054
Total Product Weight	oz/yd²	16.0	Arlon SQA-TMS-025
SHELF LIFE AND PROCESSING RECOMMENDATIONS			
Shipping Recommendation	Avoid temperatures higher than 85°F		
Product Shelf Life	6 months from date of manufacture @75°F ± 3°F. Avoid elevated temperatures (>85°F) and direct light irradiation.		
	<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 Primers	No primer required.		
Recommended Cure Cycle	15 minutes @ 250°F and 75-150 psi		
Product Operating Temperature	-50°F to 400°F		
UL INFORMATION			
UL Recognition :	E54153		

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/arlon

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