




Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	44576R010

PRODUCT DESCRIPTION

Design / Construction		
Side 1:	Cured Silicone Rubber	
Substrate:	Style 1165 fiberglass 	
Side 2:	Uncured Silicone Rubber	
Interleave:	0.0025" polyethylene	
Rubber Add-On Thickness	Value	Method
Side 1:	0.0025"	Arlon SQA-TMS-003
Side 2:	0.0025"	Arlon SQA-TMS-003
Overall Thickness:	0.0100"	Arlon SQA-TMS-003
Product Color :	Red	

TYPICAL PROPERTIES

		Value	Method
Silicone Properties			
Tensile Strength	psi	1100	Arlon SQA-TMS-008
Elongation	%	650	Arlon SQA-TMS-008
Durometer	Shore A Points	44	Arlon SQA-TMS-014
Specific Gravity	---	1.24	Arlon SQA-TMS-024
Substrate Properties			
Thickness		0.005"	Arlon SQA-TMS-003
Color		Red	N/A
Product Properties			
Dielectric Strength	volts/mil	770	Arlon SQA-TMS-020
Bond Strength (S1 to S2)	lb/in	10.7	Arlon SQA-TMS-011
Total Product Weight	oz/yd²	10.7	Arlon SQA-TMS-025

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)
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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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