



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	44566R020

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured Silicone Rubber
Substrate: Style 1165 Fiberglass
Side 2: Uncured Silicone Rubber
Interleave: 0.003" Polyethylene



Rubber Add-On Thickness	Value	Method
Side 1:	0.006"	Arlon SQA-TMS-003
Side 2:	0.010"	Arlon SQA-TMS-003
Overall Thickness:	0.021"	Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Silicone Properties	Value	Method
Tensile Strength psi	860	Arlon SQA-TMS-008
Elongation %	720	Arlon SQA-TMS-008
Durometer Shore A Points	39	Arlon SQA-TMS-014
Specific Gravity ---	1.21	Arlon SQA-TMS-024
Substrate Properties		
Thickness	0.005"	Arlon SQA-TMS-003
Color	Red	N/A
Product Properties		
Dielectric Strength volts/mil	986	Arlon SQA-TMS-020
Bond Strength (S1 to S2) lb/in	8.0	Arlon SQA-TMS-011
Total Product Weight oz/yd ²	21.1	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

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/arlton

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