




Elastomeric Material Solutions Division
 1100 Governor Lea Road, Bear, DE 19701
 (302) 834-2100 (302) 834-4021 (Fax)
 www.rogerscorp.com/aron

PRODUCT INFORMATION SHEET	
ARLON® Product Number	34C36R020

PRODUCT DESCRIPTION			
Design / Construction			
Side 1:	Cured Silicone Rubber		
Substrate:	PTFE		
Side 2:	Uncured Silicone Rubber		
Interleave:	0.0025" Polyethylene		
Rubber Add-On Thickness		Value	Method
	Side 1:	0.0065"	Arlon SQA-TMS-003
	Side 2:	0.0085"	Arlon SQA-TMS-003
	Overall Thickness:	0.0200"	Arlon SQA-TMS-003
Product Color:	Red		
TYPICAL PROPERTIES			
Silicone Properties		Value	Method
Tensile Strength	psi	1142	Arlon SQA-TMS-008
Elongation	%	186	Arlon SQA-TMS-008
Durometer	Shore A Points	67	Arlon SQA-TMS-014
Volume Resistivity	Ω-cm	6.2x10 ¹⁵	Arlon SQA-TMS-022
Substrate Properties		Value	Method
Thickness		0.005"	Arlon SQA-TMS-003
Color		Brown	N/A
Product Properties		Value	Method
Dielectric Strength	volts/mil	1338	Arlon SQA-TMS-020
Bond Strength (S2 to S2)	lb/in	4.5	Arlon SQA-TMS-011
Water Absorption	%	0.17	Arlon SQA-TMS-016
SHELF LIFE & PROCESSING RECOMMENDATIONS			
Product Shelf Life	3 months from date of manufacture @45°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 RECOGNITION			
File: 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/aron

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