




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	32270R125

PRODUCT DESCRIPTION			
Design / Construction			
Interleave:	0.0025" Polyethylene		
Product:	Uncured Silicone Rubber		
Carrier:	0.005" Release PET		
Rubber Add-On Thickness	Overall Thickness:	Value	Method
		0.125"	Arlon SQA-TMS-003
Product Color :	Red		
TYPICAL PROPERTIES			
Silicone Properties		Value	Method
Tensile Strength	psi	1070	Arlon SQA-TMS-008
Elongation	%	300	Arlon SQA-TMS-008
Tear Strength (Die B)	lb/in	90	Arlon SQA-TMS-029
Durometer	Shore A Points	60	Arlon SQA-TMS-014
Specific Gravity	---	1.35	Arlon SQA-TMS-024
Coefficient of Thermal Expansion (30°C -> 220°C)	°C ⁻¹	285x10 ⁻⁶	ASTM E 831
Thermal Conductivity (150°C)	W/mK	0.26	Arlon SQA-TMS-022
Carrier Properties		Value	Method
Thickness		0.005"	Arlon SQA-TMS-003
Product Properties		Value	Method
Total Product Weight	oz/yd ²	126.4	Arlon SQA-TMS-025
SHELF LIFE AND 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 @ 250°F and 50 psi		
Recommended Post-Cure Cycle	400°F for 2 hours		
Product Operating Temperature	-70°F to 428°F		
UL Recognition			
UL Recognition:	E54153 (220°C /220°C)		

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

The information contained in this Data Sheet is intended to assist you in designing with Rogers' ARLON Materials. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown in this Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers' ARLON Materials for each application. The Rogers logo, Helping power, protect, connect our world and ARLON are trademarks of Rogers Corporation or one of its subsidiaries. ©2017 Rogers Corporation, All rights reserved. Printed in U.S.A., 1217-PDF, **Publication #202-139**