




Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	32C80R020

PRODUCT DESCRIPTION		
Design / Construction		
Interleave:	0.0025" Polyethylene	
Side 1:	Uncured Silicone Rubber	
Carrier:	0.005" Release PET	
Rubber Add-On Thickness	Value	Method
Overall Thickness:	0.020"	Arlon SQA-TMS-003
Product Color :	Red	
TYPICAL PROPERTIES		
Silicone Properties		
Tensile Strength	psi	1180
Elongation	%	158
Tear Strength (Die B)	ppiw	75
Durometer	Shore A	68
Coefficient of thermal expansion	°C ⁻¹	285x10 ⁻⁶
Thermal conductivity	W/(mK)	0.35
Specific Gravity	---	1.34
Carrier Properties		
Thickness	Value	Method
	0.005"	Arlon SQA-TMS-003
Color	Translucent	N/A
Product Properties		
Dielectric strength	volts/mil	1052
Total Product Weight	oz/yd ²	21.2
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 @ 250°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/arlon

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