



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	32560R015

PRODUCT DESCRIPTION

Design / Construction	
Interleave:	0.003" Polyethylene
Product:	Uncured Silicone Rubber
Carrier:	0.005" Release PET

Rubber Add-On Thickness	Overall Thickness:	Value	Method
		0.015"	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
Tear Strength (Die B)	lb/in	115	Arlon SQA-TMS-029
Durometer	Shore A Points	39	Arlon SQA-TMS-014
Specific Gravity	---	1.21	Arlon SQA-TMS-024
Coefficient of Thermal Expansion (30°C -> 220°C)	°C ⁻¹	238x10 ⁻⁶	ASTM E 831
Thermal Conductivity (150°C)	W/mK	0.23	Arlon SQA-TMS-022
Carrier Properties		Value	Method
Thickness		0.005"	Arlon SQA-TMS-003
Product Properties		Value	Method
Bond Strength	lb/in	2.7	Arlon SQA-TMS-011
Total Product Weight	oz/yd ²	13.6	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

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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