




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

PRODUCT INFORMATION SHEET	
ARLON® Product Number	55580R028

PRODUCT DESCRIPTION

Design / Construction		
Interleave:	0.0025" polyethylene	
Side 1:	Uncured Silicone Rubber	
Substrate:	Style 162 Fiberglass	
Rubber Add-On Thickness	Value	Method
Side 1:	0.012"	Arlon SQA-TMS-003
Overall Thickness:	0.028"	Arlon SQA-TMS-003
Product Color :	Red	

TYPICAL PROPERTIES

Silicone Properties		Value	Method
Tensile Strength	psi	950	Arlon SQA-TMS-008
Elongation	%	620	Arlon SQA-TMS-008
Tear Strength (Die B)	ppiw	150	Arlon SQA-TMS-029
Durometer	Shore A Points	37	Arlon SQA-TMS-014
Specific Gravity	---	1.34	Arlon SQA-TMS-024
Substrate Properties		Value	Method
Thickness		0.016"	Arlon SQA-TMS-003
Color		Red	N/A
Product Properties		Value	Method
Dielectric Strength	volts/mil	438	Arlon SQA-TMS-020
Bond Strength (S1 to S1)	lb/in	13.3	Arlon SQA-TMS-011
Total Product Weight	oz/yd ²	31.6	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

UL INFORMATION

UL Recognition :	UL 94 HB at 200°C per card E54153
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The data presented in this document represent 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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