



Elastomeric Material Solutions Division
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PRODUCT INFORMATION SHEET	
ARLON® Product Number	55578XA030

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.003" polyethylene
Side 2, Layer 2: Uncured Silicone Rubber
Side 2, Layer 1: Cured Silicone Rubber
Substrate Style 162 fiberglass
Side 1: Cured Silicone Rubber



Rubber Add-On Thickness	Value	Method
Side 2, Layer 2:	0.008"	Arlon SQA-TMS-003
Side 2, Layer 1:	0.002"	Arlon SQA-TMS-003
Side 1:	Skim Coat	Arlon SQA-TMS-003
Overall Thickness:	0.0305"	Arlon SQA-TMS-003

Product Color : Gray

TYPICAL PROPERTIES

Silicone Properties	Value	Method
Tensile Strength psi	1100	Arlon SQA-TMS-008
Elongation %	650	Arlon SQA-TMS-008
Durometer Shore A Points	44	Arlon SQA-TMS-014
Specific Gravity ---	1.24	Arlon SQA-TMS-024

Substrate Properties	Value	Method
Thickness	0.019"	Arlon SQA-TMS-003
Color	White	N/A

Product Properties	Value	Method
Dielectric Strength volts/mil	530	Arlon SQA-TMS-020
Bond Strength (S2 to S2) lb/in	24	Arlon SQA-TMS-011
Total Product Weight oz/yd ²	31	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life	6 months from date of manufacture @ 75°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 Postcure Cycle	400°F for 2 hours
Product Operating Temperature	-70°F to 450°F

UL INFORMATION

UL Recognition :	220°C Electrical/ 200°C Mechanical per card E54153
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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/arlton

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