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PRODUCT INFORMATION SHEET

ARLON® Product Number 55986R028

PRODUCT DESCRIPTION

Design / Construction

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



Rubber Add-On Thickness

Side 1:
Side 2:
Overall Thickness:

Value
 0.006"
 0.006"
 0.028"

Method

Arlon SQA-TMS-003
 Arlon SQA-TMS-003
 Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Side 1 Silicone Properties

Tensile Strength psi
Elongation %
Tear Strength (Die B) ppiw
Durometer Shore A Points
Specific Gravity ---

Value
 838
 128
 89
 74
 1.62

Method

Arlon SQA-TMS-008
 Arlon SQA-TMS-008
 Arlon SQA-TMS-029
 Arlon SQA-TMS-014
 Arlon SQA-TMS-024

Substrate Properties

Thickness
Color

Value
 0.016"
 Red

Method

Arlon SQA-TMS-003
 N/A

Product Properties

Dielectric Strength volts/mil
Bond Strength (S2 to S2) lb/in
Total Product Weight oz/yd²
Flame Resistance UL94

Value
 690
 2.6
 35.6
 V-0

Method

Arlon SQA-TMS-020
 Arlon SQA-TMS-011
 Arlon SQA-TMS-025
 Arlon SQA-TMS-019

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 6 months from date of manufacture @ 70°F

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.

Recommended Cure Cycle 15 minutes @ 250°F and 50 psi

Recommended Postcure Cycle 400°F for 2 hours

Product Operating Temperature -70°F to 428°F

UL INFORMATION

UL Recognition : E54153

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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