



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

49580R010

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.0025" polyethylene

Side 1: Uncured silicone rubber

Substrate: 1681 Style Fiberglass



Rubber Add-On Thickness

Side 1:

Value

0.0045"

Method

Arlon SQA-TMS-003

Overall Thickness:

0.0100"

Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Silicone Properties

Tensile Strength

psi

Value

950

Method

Arlon SQA-TMS-008

Elongation

%

620

Arlon SQA-TMS-008

Tear Strength (Die B)

lb/in

150

Arlon SQA-TMS-029

Durometer

Shore A Points

37

Arlon SQA-TMS-014

Specific Gravity

1.34

Arlon SQA-TMS-024

Carrier Properties

Thickness

Value

0.0055"

Method

Arlon SQA-TMS-003

Color

Red

N/A

Product Properties

Dielectric Strength

volts/mil

Value

738

Method

Arlon SQA-TMS-020

Bond Strength

lb/in

11.6

Arlon SQA-TMS-011

Total Product Weight

oz/yd²

11.3

Arlon SQA-TMS-025

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 @ 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

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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