



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number 32400R040

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.003" Polyethylene
Product: Uncured Silicone Rubber
Carrier: 0.005" PET



Product Thickness

Overall Thickness:

Value

0.040"

Method

Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Silicone Properties

| | | <u>Value</u> | <u>Method</u> |
|------------------------------|----------------|--------------|-------------------|
| Tensile Strength | psi | 1083 | Arlon SQA-TMS-008 |
| Elongation | % | 711 | Arlon SQA-TMS-008 |
| Tear Strength (Die B) | lb/in | 248 | Arlon SQA-TMS-029 |
| Dielectric Strength | volts/mil | 807 | Arlon SQA-TMS-020 |
| Durometer | Shore A Points | 55 | Arlon SQA-TMS-014 |
| Specific Gravity | --- | 1.2 | Arlon SQA-TMS-024 |

Carrier Properties

| | <u>Value</u> | <u>Method</u> |
|------------------|--------------|-------------------|
| Thickness | 0.005" | Arlon SQA-TMS-003 |
| Color | Translucent | N/A |

Product Properties

| | <u>Value</u> | <u>Method</u> |
|-----------------------------|-------------------------|-------------------|
| Total Product Weight | oz/yd ² 36.0 | Arlon SQA-TMS-025 |

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life

3 months from DOM at 40°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

30 minutes at 350°F

Recommended Post Cure Cycle

440°F for 4 hrs after 30 minute ramp up cycle

Product Operating Temperature

-70°F to 450°F

The data presented in this document represent typical values for the production material.

The data should not be used to write, or in place of, material specifications.

Please verify that any printed hard copy of this datasheet is current by referencing:

<http://www.rogerscorporation.com>

Last Revised May 8, 2016.