



**Elastomeric Material Solutions Division**  
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| PRODUCT INFORMATION SHEET    |           |
|------------------------------|-----------|
| <b>ARLON® Product Number</b> | 32580R015 |

| PRODUCT DESCRIPTION                     |  |                   |
|---|--|-------------------|
| <b>Design / Construction</b>            |  |                   |
| <b>Interleave:</b>                      | 0.0025" polyethylene   |                   |
| <b>Side 1:</b>                          | Uncured Silicone Rubber  |                   |
| <b>Carrier:</b>                         | 0.005" release PET   |                   |
| <b>Rubber Add-On Thickness</b>          | <b>Value</b>   | <b>Method</b>     |
| <b>Overall Thickness:</b>               | 0.015"   | Arlon SQA-TMS-003 |
| <b>Product Color :</b>                  | Red  |                   |
| TYPICAL PROPERTIES                      |  |                   |
| <b>Silicone Properties</b>              |  |                   |
| <b>Tensile Strength</b>                 | <b>psi</b>   | <b>Value</b>      |
|   |  | 950               |
| <b>Elongation</b>                       | <b>%</b>   | <b>Value</b>      |
|   |  | 620               |
| <b>Tear Strength (Die B)</b>            | <b>ppiw</b>  | <b>Value</b>      |
|   |  | 150               |
| <b>Durometer</b>                        | <b>Shore A Points</b>  | <b>Value</b>      |
|   |  | 37                |
| <b>Specific Gravity</b>                 | <b>---</b>   | <b>Value</b>      |
|   |  | 1.34              |
| <b>Carrier Properties</b>               |  |                   |
| <b>Thickness</b>                        | <b>Value</b>   | <b>Method</b>     |
|   | 0.005"   | Arlon SQA-TMS-003 |
| <b>Color</b>                            | Translucent  | N/A               |
| <b>Product Properties</b>               |  |                   |
| <b>Total Product Weight</b>             | <b>oz/yd<sup>2</sup></b>   | <b>Value</b>      |
|   |  | 14.8              |
|   |  | <b>Method</b>     |
|   |  | Arlon SQA-TMS-025 |
| SHELF LIFE & PROCESSING RECOMMENDATIONS |  |                   |
| <b>Product Shelf Life</b>               | 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> |                   |
| <b>Recommended Cure Cycle</b>           | 15 minutes @ 350°F and 50 PSI  |                   |
| <b>Recommended Post Cure Cycle</b>      | 400°F for 2 hours  |                   |
| <b>Product Operating Temperature</b>    | -70°F to 428°F   |                   |
| UL INFORMATION                          |  |                   |
| <b>UL Recognition :</b>                 | UL 94 HB at 200°C per card 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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