




Elastomeric Material Solutions Division
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| PRODUCT INFORMATION SHEET | |
|------------------------------|-------------|
| ARLON® Product Number | 91B32R016AC |

| PRODUCT DESCRIPTION | | | |
|--|---------------------------|--|-------------------|
| Aluminum Clad Press Pad with "C-finish" | | | |
| Design / Construction | | | |
| Side 2: Alloy 1100 H18 Aluminum Foil | |  | |
| Side 1: Cured Silicone Rubber | | | |
| Rubber Add-On Thickness | | Value | Method |
| | Side 1: | 0.012" | Arlon SQA-TMS-003 |
| | Side 2: | 0.004" | Arlon SQA-TMS-003 |
| | Overall Thickness: | 0.016" | Arlon SQA-TMS-003 |
| Product Color : | Red | | |
| TYPICAL PROPERTIES | | | |
| Silicone Properties | | Value | Method |
| Tensile Strength | psi | 1481 | Arlon SQA-TMS-008 |
| Elongation | % | 263 | Arlon SQA-TMS-008 |
| Adhesion Strength to Aluminum | lb./in. | 10.1 | Arlon SQA-TMS-011 |
| Specific Gravity | --- | 1.27 | Arlon SQA-TMS-024 |
| Alloy 1100 Properties | | Value | Method |
| Rigidity | grams | 8500 | Arlon Gurley Test |
| Temper | --- | H18 | -- |
| Tensile Strength | psi | 23900 | ASTM E345 |
| Yield Stress | psi | 21000 | ASTM E345 |
| Density | g/cc | 2.7 | -- |
| Aluminum Content | % minimum | 99 | -- |
| Product Properties | | Value | Method |
| Total Product Weight | oz/yd² | 19.5 | Arlon SQA-TMS-025 |
| SHELF LIFE & TYPICAL SERVICE CONDITIONS | | | |
| Product Shelf Life | | 60 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> | | | |
| Recommended application temperature | | 100°C to 300°C | |
| Recommended application pressure | | 0 MPa to 10 MPa | |

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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