



SILICONE TECHNOLOGIES DIVISION
 1100 Governor Lea Road, Bear, DE 19701
 (302) 834-2100 (302) 834-4021 (Fax)

| PRODUCT INFORMATION SHEET | |
|---------------------------|-----------|
| Arlon Part Number | 55393R062 |

| PRODUCT INFORMATION | | |
|--|--|-------------------|
| Design / Construction | Value | Method |
| Side 1: | Cured Silicone Rubber | N/A |
| Substrate: | Style 162 fiberglass | N/A |
| Side 2: | Cured Silicone Rubber | N/A |
| Rubber Add-On Thickness | Side 1: 0.027" | Arlon SQA-TMS-003 |
| | Side 2: 0.017" | Arlon SQA-TMS-003 |
| Overall Thickness: | 0.062" | Arlon SQA-TMS-003 |
| Dielectric Strength, Volts/mil | 400 | N/A |
| Bond Strength, lb/in | N/A | N/A |
| Mullen Burst Strength, psi | N/A | N/A |
| Thermal Impedance, °C/W | N/A | N/A |
| Total Product Weight, oz/yd² | 67.8 | Arlon SQA-TMS-025 |
| Interleave | 0.003" Polyethylene | |
| Product Color | Red | |
| Product Shelf Life | 60 Months from the Date of Manufacture @ 75°F | |
| | <i>Note: Shelf life is defined as the duration of time for which the product will meet the physical requirements outlined below. It does not guarantee the product's usefulness in all applications.</i> | |
| Recommended Cure Cycle | N/A | |
| Pad Life | 150 Cycles (temperature and time dependant) | |
| Product Operating Temperature | 400°F Continuous | |
| FLAME RETARDANCE INFORMATION | | |
| UL Recognition | N/A | |
| Flame Test Method | N/A | |
| Flame Test Information | Value | Method |
| Flame Time, seconds | N/A | N/A |
| Glow Time, seconds | N/A | N/A |
| Char Length, inches | N/A | N/A |
| COMPOUND INFORMATION | | |
| Silicone Properties | Value | Method |
| Tensile Strength, psi | 1050 | ASTM D 412 |
| Elongation, % | 170 | ASTM D 412 |
| Tear Strength, lb/in | 40 | ASTM D 624 |
| Compression Set, % | 30 | Arlon SQA-TMS-017 |
| Thermal Conductivity, (BTU-In/hr-ft ² °F) | 2.0 | Arlon SQA-TMS-022 |
| Durometer, Shore A Points | 55 | ASTM D 2240 |
| SUBSTRATE INFORMATION | | |
| Substrate Type | Prime Coated 162 Fiberglass | |
| Physical Property | Value | Methods |
| Thickness, in | 0.018 | Arlon SQA-TMS-003 |
| Uncoated Fabric Break Strength, lb/in | | |
| Warp Direction: | 700 | N/A |
| Fill Direction: | 420 | N/A |

The data presented in this document represents typical values for the production material.
 This data should not be used to write, or in place of, material specifications.

Last Revision January 16, 2006