



SILICONE TECHNOLOGIES DIVISION
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| PRODUCT INFORMATION SHEET | |
|---------------------------|------------------------|
| Arlon Part Number | R33299A028 (55579A028) |

| PRODUCT INFORMATION | | |
|--|--|---------------|
| Design / Construction | Value | Tolerance |
| Side 1: Uncured layer on top of a cured layer on one side | | |
| Rubber Add-On Thickness | Side 1: .005" Cured Rubber Layer | Minimum |
| | Side 1: .006" Uncured Rubber Layer | Minimum |
| Overall Thickness: | .029" | + .003"/-0.0" |
| Dielectric Strength, Volts/mil | 400 | Minimum |
| Bond Strength, lb/in | 6.0 | Minimum |
| Mullen Burst Strength, psi | N/A | |
| Thermal Impedance, °C/W | N/A | |
| Total Product Weight, oz/yd² | 29.0 | ±2.0 |
| Interleave | .003" Polyethylene | |
| Product Color | Blue (designed to be similar to PMS-2935) | |
| Product Shelf Life | 6 Months from Date of Manufacture | |
| | <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 | 15 minutes @350° F | |
| Recommended Postcure Cycle | 2 hours @400° F | |
| Product Operating Temperature | -70° to 450° F | |
| FLAME RETARDANCE INFORMATION | | |
| UL Recognition | 220° C Electrical/200° C Mechanical per UL Card E5415 3 | |
| Flame Test Method | Compound meets UL94-HB | |
| Flame Test Information | Value | Tolerance |
| Flame Time, seconds | Per Specification | |
| Glow Time, seconds | Per Specification | |
| Char Length, inches | Per Specification | |
| COMPOUND INFORMATION | | |
| Physical Property | Value | Tolerance |
| Tensile Strength, psi | 800 | Minimum |
| Elongation, % | 500 | Minimum |
| Tear Strength, lb/in | N/A | |
| Compression Set, % | N/A | |
| Thermal Conductivity, W/m•K | N/A | |
| Durometer, Shore A Points | 45 | ±5 |
| SUBSTRATE INFORMATION | | |
| Substrate Type | Prime Coated 162 Style Fiberglass | |
| Physical Property | Value | Tolerance |
| Thickness, in | .018 | Nominal |
| Uncoated Fabric Break Strength, lb/in | | |
| Warp Direction: | 700 | Nominal |
| Fill Direction: | 420 | Nominal |

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.