



SILICONE TECHNOLOGIES DIVISION
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PRODUCT INFORMATION SHEET

Arlon Product Number R35928R015
 Customer Part Number

PRODUCT DESCRIPTION

Design / Construction

Interleave: 1.5 mil polyethylene
Side 1, Layer 2: Uncured silicone rubber
Side 1, Layer 1: Cured silicone rubber
Substrate: Style 7628 fiberglass
Side 2: Cured silicone rubber



<u>Thickness</u>	<u>Value</u>	<u>Method</u>
Side 1 (Cured/Uncured layer):	0.00075" / 0.006"	Arlon SQA-TMS-003
Side 2:	0.00075"	Arlon SQA-TMS-003
Overall Thickness:	0.0155"	Arlon SQA-TMS-003

Product Color : Red

PROPERTIES

<u>Silicone Compound Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	880	ASTM D 412
Elongation %	470	ASTM D 412
Durometer Shore A Points	50	ASTM D 2240
Specific Gravity ---	1.24	Arlon SQA-TMS-024

<u>Fiberglass Substrate Properties</u>	<u>Value</u>	<u>Method</u>
Thickness	0.008"	Arlon SQA-TMS-003

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	600	ASTM D 149
Bond Strength lb/in	8.0	ASTM D 624
Thermal conductivity W/mK	0.29	ASTM E1530
Total Product Weight oz/yd ²	16.0	Arlon SQA-TMS-025

PROCESSING RECOMMENDATIONS

Product Shelf Life 6 months from date of manufacture @75°F
*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.*

Recommended Cure Cycle 15 minutes @ 350° F; 50 psi

Recommended Post Cure Cycle 2-3 hours @ 375-410° F

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.*

Last Revised Oct. 17, 2002.