



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

PRODUCT INFORMATION SHEET

Arlon Product Number

51276R015

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured silicone rubber
Substrate: Style 7628 fiberglass
Side 2: Uncured silicone rubber
Interleave 3 mil PE



Rubber Add-On Thickness

Side 1:
Side 2:
Overall Thickness:

Value

0.003"
 0.0055"
 0.0165"

Method

Arlon SQA-TMS-003
 Arlon SQA-TMS-003
 Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES

Silicone Compound Properties

		<u>Value</u>	<u>Method</u>
Tensile Strength	psi	800	ASTM D 412
Elongation	%	225	ASTM D 412
Tear Strength (Die B)	lb/in	90	ASTM D 624
Durometer	Shore A Points	60	ASTM D 2240
Specific Gravity	---	1.35	Arlon SQA-TMS-024

Substrate Properties

	<u>Value</u>	<u>Method</u>
Thickness	0.008"	Arlon SQA-TMS-003
Color	Red	N/A

Product Properties

		<u>Value</u>	<u>Method</u>
Dielectric Strength	volts/mil	740	ASTM D 149
Bond Strength	lb/in	8.0	Arlon SQA-TMS-011
Total Product Weight	oz/yd ²	15.9	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 characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

Recommended Cure Cycle 15 minutes @ 250°F and 50 psi

Recommended Post Cure Cycle 400°F for 2 hours

Product Operating Temperature -70°F to 450°F

UL Recognition

File : E54153 (220°C/220°C RTI)

*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 June 9th 2006