



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number P29514R020P
Customer Part Number

PRODUCT DESCRIPTION

Design / Construction

Interleave 1: 1.5 mil PE
Side 1: Semi-cured silicone rubber
Substrate: 7727 style fiberglass



Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
Side 1:	12.5 mil	Arlon SQA-TMS-003
Overall Thickness:	20.5 mil	Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES

Silicone Compound Physical Properties

	<u>Value</u>	<u>Method</u>
Tensile Strength psi	750	ASTM D 412
Elongation %	450	ASTM D 412
Durometer Shore A Points	47	ASTM D 2240
Specific Gravity ---	1.18	Arlon SQA-TMS-024

Substrate Physical Properties

	<u>Value</u>	<u>Method</u>
Thickness	8 mil	Arlon SQA-TMS-003

Product Physical Properties

	<u>Value</u>	<u>Method</u>
Dielectric Strength volts/mil	630	ASTM D 149
Bond Strength lb/in	11.5	ASTM D 624
Total Product Weight oz/yd ²	23.9	Arlon SQA-TMS-025

PROCESSING RECOMMENDATIONS

Product Shelf Life 90 days from DOM @ 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 min @ 350°F; 50 psi

Recommended Postcure Cycle 2 hrs @ 400°F

Product Operating Temperature -70 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 May 13, 2016.