

PRODUCT INFORMATION SHEET

Arlon Product Number 51991A020

PRODUCT DESCRIPTION

Design / Construction

Interleave 1: 3 mil polyethylene
Side 1: Uncured Silicone Rubber
Substrate: Style 7628 fiberglass
Side 2: Uncured Silicone Rubber
Interleave 2: 3 mil polyethylene



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
Side 1:	0.006"	Arlon SQA-TMS-003
Side 2:	0.006"	Arlon SQA-TMS-003
Overall Thickness:	0.020"	Arlon SQA-TMS-003

Product Color : Light Blue

PHYSICAL PROPERTIES

<u>Silicone Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	850	ASTM D 412
Elongation %	400	ASTM D 412
Tear Strength (Die B) ppiw	122.7	ASTM D624
Durometer Shore A Points	55	ASTM D 2240
Specific Gravity ---	1.45	Arlon SQA-TMS-024
<u>Substrate Properties</u>		
Thickness	0.008"	Arlon SQA-TMS-003
Color	Red	N/A
<u>Product Properties</u>		
Bond Strength to 6061 aluminum (90° peel test) ppiw	11.0	Arlon SQA-TMS-011
Total Product Weight oz/yd ²	23.5	Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 6 months from date of manufacture @ 45°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 @ 350°F and 50 psi

Product Operating Temperature -70°F to 450°F

UL INFORMATION

UL Recognition : N/A

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