



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Reference MOX-Tape® : SB00520
Arlon Product Number : T4020-B002

MFG Test Report to: MIL-I-22444C; P5189-3; DMS2186 TY1; RMS315 TY1; GE A50A493C; 5-00857; IBM 6084744

PRODUCT DESCRIPTION

Design / Construction

Side 1: Cured self-fusing silicone rubber
Substrate: 25% Sinusoidal fiberglass
Side 2: Cured self-fusing silicone rubber
Interleave: 0.001" Polyester film



<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Width	0.50"	Arlon SQA-TMS-012
Overall Thickness:	0.020"	Arlon SQA-TMS-012

Product Color : Black

TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	4222	Arlon SQA-TMS-048
Elongation %	25	Arlon SQA-TMS-048
Durometer Shore A Points	49	Arlon SQA-TMS-014
Specific Gravity ---	1.2	Arlon SQA-TMS-024
Dielectric Strength volts/mil	580	Arlon SQA-TMS-020
Adhesion Strength lb/in	4.8	Arlon SQA-TMS-047

SHELF LIFE AND RECOMENDED OPERATING TEMPERATURE

Product Shelf Life 12 months from DOM @ 70°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.

Product Operating Temperature -60 to +400°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.
Please verify that any printed hard copy of this datasheet is current by referencing:
<http://www.rogerscorporation.com>*

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NOTE: The above properties are published as a guide only, and should not be used for specification without testing in your own laboratory.

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ASA-100 and FAA AC 00-56B

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