

PRODUCT INFORMATION SHEET

Reference MOX-Tape® :	SA01020
Arlon Product Number :	T3020-R004

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 fusible silicone rubber
Substrate: 25% sinusoidal fiberglass
Side 2: Cured fusible silicone rubber
Interleave 1 mil polyester film


Dimensions

	Value	Method
Width:	1.00"	Arlon SQA-TMS-012
Overall Thickness:	0.020"	Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES
Silicone Compound Properties

	Value	Method
Tensile Strength psi	1362	ASTM D 412
Elongation %	675	ASTM D 412
Tear Strength (Die B) lb/in	176	ASTM D 624
Durometer Shore A Points	54	ASTM D 2240
Specific Gravity ---	1.18	Arlon SQA-TMS-024

Substrate Properties

	Value	Method
Thickness	0.008"	Arlon SQA-TMS-003
Color	White	N/A

Tape Properties

	Value	Method
Dielectric Strength volts/mil	625	ASTM D 149
Elongation %	30	Arlon SQA-TMS-048
Tensile Strength Lb/in	84	Arlon SQA-TMS-048
Adhesion strength Lb/in	5.23	Arlon SQA-TMS-047

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life 12 months from date of manufacture @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

Recommended Cure Cycle N/A

Recommended Post Cure Cycle N/A

Product Operating Temperature -70°F to 450°F

UL Information
File : N/A

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/Library/datasheets.htm>

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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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