


## PRODUCT INFORMATION SHEET

**Reference MOX-Tape® :** SA01020  
**Arlon Product Number :** T3020-B004

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

PRODUCT DESCRIPTION			
1.0 inch wide x 0.020" thick, black, rectangular, silicone, self-fusing tape.			
<b>Design / Construction</b>			
<b>Side 1:</b>	Cured Silicone Rubber		
<b>Substrate:</b>	25% Sinusoidal Fiberglass		
<b>Side 2:</b>	Cured Silicone Rubber		
<b>Interleave</b>	0.001" PET		
<b>Dimensions</b>		<b>Value</b>	<b>Method</b>
<b>Width:</b>		1.00"	Arlon SQA-TMS-012
<b>Overall Thickness:</b>		0.020"	Arlon SQA-TMS-012
<b>Product Color :</b> Black			
TYPICAL PROPERTIES			
<b>Silicone Compound Properties</b>		<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b>	psi	1282	Arlon SQA-TMS-009
<b>Elongation</b>	%	735	Arlon SQA-TMS-009
<b>Tear Strength (Die B)</b>	lb/in	187	Arlon SQA-TMS-029
<b>Durometer</b>	Shore A Points	52	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.2	Arlon SQA-TMS-024
<b>Substrate Properties</b>		<b>Value</b>	<b>Method</b>
<b>Thickness</b>		0.008"	Arlon SQA-TMS-012
<b>Color</b>		Naturally White	N/A
<b>Tape Properties</b>		<b>Value</b>	<b>Method</b>
<b>Dielectric Breakdown Strength</b>	volts/mil	618	Arlon SQA-TMS-020
<b>Elongation</b>	%	31	Arlon SQA-TMS-048
<b>Tensile Strength</b>	Lb/in	89	Arlon SQA-TMS-048
<b>Adhesion strength</b>	Lb/in	6.2	Arlon SQA-TMS-047
SHELF LIFE & OPERATING TEMPERATURE			
<b>Product Shelf Life</b>		12 months from date of manufacture @ 70°F	
<i>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.</i>			
<b>Product Operating Temperature</b>		-70°F 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.

Please verify that any printed hard copy of this datasheet is current by referencing:

[www.rogerscorporation.com](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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