ROGERS CORPORATION

Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Reference MOX-Tape® : 612 - 1
Arlon Product Number : T1012-R004-##

PRODUCT DESCRIPTION

1 inch wide, 12 mil thick, red, rectangular cross-section self-fusing silicone tape.
Product is supplied in various roll lengths. # # in the product number indicates roll length in yards.

Design / Construction

Interleave:	0.001" polyester	
Rubber:	Self-fusing silicone rubber	
Cross-Section:	1" wide rectangular	

Rubber Thickness

	Value	Method
Overall:	0.012"	Arlon SQA-TMS-012

Product Color :   Red

TYPICAL PROPERTIES

Silicone Compound Properties		Value	Method
Tensile Strength	psi	1282	ASTM D 412
Elongation	%	678	ASTM D 412
Durometer	Shore A Points	46	ASTM D 2240
Specific Gravity	---	1.20	Arlon SQA-TMS-024

Product Properties		Value	Method
Dielectric Strength	volts/mil	1000	ASTM D 149
Bond Strength	lb/in	2.3	Arlon SQA-TMS-015
Water absorption	%	0.1	Arlon SQA-TMS-016

SHELF LIFE & 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   -65 to +500° F

The data presented in this document represent   typical values for t he production material.
The data should not be used to write, or   in place of, materi al specifications.
Please verify that any print ed hard copy of this datas heet is current by referencing:
http://wwwrogerscorporation .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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