



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET


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

Overall:

Value

0.012"

Method

Arlon SQA-TMS-012

Product Color : Red

TYPICAL PROPERTIES

Silicone Compound Properties

		<u>Value</u>	<u>Method</u>
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

		<u>Value</u>	<u>Method</u>
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 the production material.
The data should not be used to write, or in place of, material specifications.
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