



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET


Arlon Product Number T1010-B004

PRODUCT DESCRIPTION

1.00 inch wide, 0.010 inch thick, black, rectangular cross-section, silicone self-fusing tape. Product is supplied in various yard long roll lengths. Tape certified to A-A-59163 Class I Type I and MIL-I-46852C Type I except for sampling and packaging.

Design / Construction

Product: Cured self-fusing silicone rubber

Cross-Section 1.00" wide Rectangular 

Interleave: 0.001" Polyester film

Rubber Thickness

Width

Value

1.000"

Method

Arlon SQA-TMS-012

Overall Thickness:

0.010"

Arlon SQA-TMS-012

Product Color : Black

TYPICAL PROPERTIES

Product Properties

		<u>Value</u>	<u>Method</u>
Tensile Strength	psi	1449	Arlon SQA-TMS-009
Elongation	%	736	Arlon SQA-TMS-009
Durometer	Shore A Points	49	Arlon SQA-TMS-014
Specific Gravity	---	1.2	Arlon SQA-TMS-024
Dielectric Strength	volts/mil	1204	Arlon SQA-TMS-020
Bond Strength	lb/in	2.7	Arlon SQA-TMS-015
Water Absorption	%	0.4	Arlon SQA-TMS-016

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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