



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number 910-10Bxx-P0

PRODUCT DESCRIPTION

1 inch wide, 10 mil thick, Black, Rectangular cross-section, Self-fusing silicone tape.
Product is supplied in various roll lengths.
xx in the product number indicates roll length in yards.
Arlon STD Certificate of Compliance for commercial applications will be provided with each order.

Design / Construction

Interleave: 3 mil PE

Rubber: Cured self-fusing silicone rubber

Cross-Section: 1" wide Rectangular

<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Rubber:	10 mil	Arlon SQA-TMS-003

Product Color : Black

PROPERTIES

<u>Tape Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	997	ASTM D 412
Elongation %	456	ASTM D 412
Durometer Shore A Points	55	ASTM D 2240
Specific Gravity ---	1.2	Arlon SQA-TMS-024
Dielectric Strength volts/mil	864	ASTM D 149
Bond Strength lb/in	2.0	MIL-I-46852C
Water absorption %	0.9	MIL-I-46852C

Shelf Life and Operating Conditions

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.
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<http://www.rogerscorporation.com/Library/datasheets.htm>*

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