



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number T1020-B004

PRODUCT DESCRIPTION

1.00 inch wide, 0.020 inch thick, black, rectangular cross-section, silicone self-fusing tape.
Product is supplied in various yard long roll lengths.

Design / Construction

Product: Cured self-fusing silicone rubber

Cross-Section 1.00" wide Rectangular

Interleave: 0.001" Polyester film

<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Width	1.00"	Arlon SQA-TMS-012
Overall Thickness:	0.020"	Arlon SQA-TMS-012

Product Color : Black

TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	1356	Arlon SQA-TMS-009
Elongation %	753	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	803	Arlon SQA-TMS-020
Bond Strength lb/in	3.0	Arlon SQA-TMS-015
Water Absorption %	0.3	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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