



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number T2020-B004

PRODUCT DESCRIPTION

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

Meets Commercial Item Description A-A-59163 (supersedes US Military Specification MIL-I-46852C) except for packaging.

Design / Construction

Product: Cured self fusing silicone rubber

Cross-Section: 1.00" wide Triangular

Interleave: 0.001" Polyester film



Rubber Thickness

Overall Thickness:

Value

0.020"

Method

Arlon SQA-TMS-012

Product Color : Black

TYPICAL PROPERTIES

Product Properties

		<u>Value</u>	<u>Method</u>
Tensile Strength	psi	1318	Arlon SQA-TMS-009
Elongation	%	812	Arlon SQA-TMS-009
Durometer	Shore A Points	52	Arlon SQA-TMS-014
Specific Gravity	---	1.2	Arlon SQA-TMS-024
Dielectric Strength	volts/mil	670	Arlon SQA-TMS-020
Bond Strength	lb/in	2.6	Arlon SQA-TMS-015
Water absorption	%	0.2	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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