



Arlon Silicones Technology

1100 Governor Lea Road, Bear, DE 19701
1.302.834.2100 • 1.302.834.4021 (Fax)

PRODUCT INFORMATION SHEET

Arlon Product Number T1020-B002

PRODUCT DESCRIPTION

0.50 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 0.50" wide Rectangular

Interleave: 0.001" Polyester film

Rubber Thickness

Width

Value

0.500"

Method

Arlon SQA-TMS-012

Overall Thickness:

0.020"

Arlon SQA-TMS-012

Product Color : Black

TYPICAL PROPERTIES

Product Properties

Tensile Strength

psi

Value

1430

Method

Arlon SQA-TMS-009

Elongation

%

754

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

612

Arlon SQA-TMS-020

Bond Strength

lb/in

3.1

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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