



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number

T3020-B004

PRODUCT DESCRIPTION

1.0 inch wide x 0.020" thick, black, rectangular, silicone, self-fusing tape.

Design / Construction

Side 1: Cured Silicone Rubber
Substrate: 25% Sinusoidal Fiberglass
Side 2: Cured Silicone Rubber
Interleave: 0.001" PET



Dimensions

	Value	Method
Width:	1.00"	Arlon SQA-TMS-012
Overall Thickness:	0.020"	Arlon SQA-TMS-012

Product Color : **Black**

TYPICAL PROPERTIES

Silicone Compound Properties

	Value	Method
Tensile Strength psi	1282	Arlon SQA-TMS-009
Elongation %	735	Arlon SQA-TMS-009
Tear Strength (Die B) lb/in	187	Arlon SQA-TMS-029
Durometer Shore A Points	52	Arlon SQA-TMS-014
Specific Gravity ---	1.2	Arlon SQA-TMS-024

Substrate Properties

	Value	Method
Thickness	0.008"	Arlon SQA-TMS-012
Color	Naturally White	N/A

Tape Properties

	Value	Method
Dielectric Breakdown Strength volts/mil	618	Arlon SQA-TMS-020
Elongation %	31	Arlon SQA-TMS-048
Tensile Strength Lb/in	89	Arlon SQA-TMS-048
Adhesion strength Lb/in	6.2	Arlon SQA-TMS-047

SHELF LIFE & OPERATING TEMPERATURE

Product Shelf Life 12 months from date of manufacture @ 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 -70°F to 450°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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