



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number Arlon SFT

PRODUCT DESCRIPTION

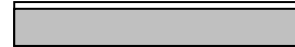
1" wide x 0.012" thick x 10 yards long, gray, rectangular cross-section, silicone, self-fusing tape.

Meets U.S. Military Specification A-A-59163 (supercedes Mil-I-46852C) except for packaging, sampling, and thickness. The following tests are conducted on one roll from each lot of tape: Thickness, Width, Bond Strength, Tensile Strength, Elongation, Dielectric Strength, and Water Absorption.

Design / Construction

Interleave: 0.001" PET

Product: Cured self-fusing silicone rubber



Cross-Section: 1" wide rectangular

<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Overall Thickness:	0.012"	Arlon SQA-TMS-012

Product Color : Gray

PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	1200	ASTM D 412
Elongation %	612	ASTM D 412
Durometer Shore A Points	50	ASTM D 2240
Specific Gravity ---	1.20	Arlon SQA-TMS-024
Dielectric Strength volts/mil	881	ASTM D149
Bond Strength lb/in	2.4	Arlon SQA-TMS-015
Water Absorption %	0.38	Arlon SQA-TMS-016

SHELF LIFE & CONTINUOUS OPERATING TEMPERATURE RANGE

Product Shelf Life 60 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 -51°C to +180°C

*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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Last Revised May 13, 2016.