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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



Rubber Thickness

Overall Thickness:

Value

0.012"

Method

Arlon SQA-TMS-012

Product Color : Gray

PROPERTIES

Product Properties

Tensile Strength

psi

Value
1200

Method
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.

Please verify that any printed hard copy of this datasheet is current by referencing:

<http://www.arlon-std.com/Library/datasheets.htm>

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