



Elastomeric Material Solutions Division
 1100 Governor Lea Road, Bear, DE 19701
 (302) 834-2100 (302) 834-4021 (Fax)
 www.rogerscorp.com/arlton

PRODUCT INFORMATION SHEET	
ARLON® Product Number	912-10Xxx-P1

PRODUCT DESCRIPTION

1.0" wide, 0.012" thick, gray, rectangular cross-section, silicone self-fusing tape.
 Product is supplied in various yard long roll lengths as indicated by the xx characters in the part number.

Meets Commercial Item Description A-A-59163 (supersedes US Military Specification MIL-I-46852C) except for packaging, thickness, and dielectric strength. The following tests are conducted with sampling dictated by MIL-I-46852C: Width, Bond Strength, Tensile Strength, Elongation, and Water Absorption

Design / Construction

Rubber: Cured self-fusing silicone rubber
Cross-Section: 1.0" wide Rectangular
Interleave: 0.0025" Polyethylene



Rubber Thickness	Value	Method
Rubber:	0.012"	Arlon SQA-TMS-012

Product Color : Gray

TYPICAL PROPERTIES

Product Properties	Value	Method
Tensile Strength lb/in	1259	Arlon SQA-TMS-009
Elongation %	567	Arlon SQA-TMS-009
Durometer (Silicone Compound) Shore A Points	56	Arlon SQA-TMS-014
Specific Gravity (Silicone Compound) ---	1.17	Arlon SQA-TMS-024
Dielectric Strength volts/mil	891	Arlon SQA-TMS-020
Bond Strength lb/in	2.5	Arlon SQA-TMS-015
Water Absorption %	0	Arlon SQA-TMS-016

SHELF LIFE AND RECOMMENDED 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 represents typical values for the production material. Typical values should not be used for specification limits. Please verify that any printed hard copy of this datasheet is current by referencing: www.rogerscorp.com/arlton

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