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PRODUCT INFORMATION SHEET	
ARLON® Product Number	910-10BxxFR-P1

PRODUCT DESCRIPTION

1.0" wide, 0.010" thick, black, 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. The following tests are conducted with sampling dictated by MIL-I-46852C: Thickness, Width, Bond Strength, Tensile Strength, Elongation, Dielectric Strength, and Water Absorption.

Design / Construction

Rubber:	Cured 195CB Self-fusing Silicone Rubber	
Cross-Section:	1.00" Wide Rectangular	
Interleave:	0.0025" Polyethylene	

<u>Rubber Thickness</u>	<u>Value</u>	<u>Method</u>
Rubber:	0.010"	Arlon SQA-TMS-012

Product Color : Black

TYPICAL PROPERTIES

<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength psi	1150	Arlon SQA-TMS-009
Elongation %	567	Arlon SQA-TMS-009
Durometer Shore A Points	60	Arlon SQA-TMS-014
Specific Gravity ---	1.35	Arlon SQA-TMS-024
Volume Resistivity Ω-cm	1.6x10 ¹⁵	Arlon SQA-TMS-046
Government Bond Strength lb./in.	2.9	Arlon SQA-TMS-015
Water Absorption %	0.9	Arlon SQA-TMS-016
Dielectric Strength vpm	906	Arlon SQA-TMS-020
Flame Resistance Flame and Glow (sec.)	0.0	FAR 25.853 App.F, P.1, .Aii
Char length (in.)	0.7	FAR 25.853 App.F, P.1, .Aii

SHELF LIFE AND RECOMMENDED 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 -65° to +400°F

UL RECOGNITION

File : E54153 Rubber Compound 195CB used to manufacture this product meets the UL94 V-0 flame resistance requirements and is recognized by Underwriters Laboratories.

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/arlon

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