

PRODUCT INFORMATION SHEET
Arlon Product Number LW401B ## - P2
Customer Part Number
PRODUCT DESCRIPTION

1 inch wide, 40 mil thick, Black, Triangular cross-section self-fusing silicone tape.
 Product is supplied in various roll lengths. ## in product number indicates roll length in yards.

Certified to meet all requirements of U.S. Military Specification A-A-59163 (supercedes Mil-I-46852C) except for packaging. The following tests are conducted, with sampling dictated by A-A-59163: Thickness, Width, Bond Strength, Tensile Strength, Elongation, Dielectric Strength, and Water Absorption.

Design / Construction
Rubber: Cured self-fusing silicone rubber

Cross-Section: 1" wide Triangular

Interleave: 3 mil PE

Rubber Thickness
Rubber:
Value

40

Method

Arlon SQA-TMS-003

Product Color : Black

PHYSICAL PROPERTIES
Silicone Compound Physical Properties

		Value	Method
Tensile Strength	psi	1150	ASTM D 412
Elongation	%	400	ASTM D 412
Durometer	Shore A Points	55	ASTM D 2240
Specific Gravity	---	1.2	Arlon SQA-TMS-024

Product Physical Properties

		Value	Method
Dielectric Strength	volts/mil	450	ASTM D 149
Bond Strength	lb/in	3.6	MIL-I-46852C
Water absorption	%	2.2	MIL-I-46852C

PROCESSING RECOMMENDATIONS
Product Shelf Life 12 months from DOM @ 75°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 represent typical values for the production material.
 The data should not be used to write, or in place of, material specifications.*

Last Revised May 13, 2016.