



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number 920-10T ## -P0

PRODUCT DESCRIPTION

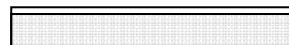
1 inch wide, 20 mil thick, transparent, rectangular cross-section self-fusing silicone tape.
Product is supplied in various roll lengths. ## in product number indicates roll length in yards.

Arlon STD Certificate of Compliance for commercial applications will be provided with each order.

Design / Construction

Interleave: 3 mil PE

Rubber: Cured self-fusing silicone rubber



Cross-Section: 1" wide Rectangular

| <u>Rubber Thickness</u> | <u>Value</u> | <u>Method</u> |
|-------------------------|--------------|-------------------|
| Rubber: | 20 mil | Arlon SQA-TMS-003 |

Product Color : Transparent

PHYSICAL PROPERTIES

| <u>Silicone Compound Physical Properties</u> | <u>Value</u> | <u>Method</u> |
|----------------------------------------------|--------------|-------------------|
| Tensile Strength psi | 1150 | ASTM D 412 |
| Elongation % | 430 | ASTM D 412 |
| Durometer Shore A Points | 55 | ASTM D 2240 |
| Specific Gravity --- | 1.17 | Arlon SQA-TMS-024 |

| <u>Product Physical Properties</u> | <u>Value</u> | <u>Method</u> |
|--------------------------------------|--------------|---------------|
| Dielectric Strength volts/mil | 750 | ASTM D 149 |
| Bond Strength lb/in | 3.1 | MIL-I-46852C |
| Water absorption % | 2.8 | MIL-I-46852C |

PROCESSING RECOMMENDATIONS

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 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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<http://www.rogerscorporation.com/Library/datasheets.htm>

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