



SILICONE TECHNOLOGIES DIVISION  
1100 Governor Lea Road, Bear, DE 19701  
(302) 834-2100 (302) 834-4021 (Fax)

## PRODUCT INFORMATION SHEET

Arlon Product Number

55133R062

### PRODUCT DESCRIPTION

Ultrapad™ D70 Silicone-based press pad

#### Design / Construction

**Interleave** 0.075 mm PE  
**Side 1:** Cured silicone rubber  
**Substrate:** Style 162 fiberglass  
**Side 2:** Cured silicone rubber



#### Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.55 mm	Arlon SQA-TMS-003
<b>Side 2:</b>	0.55 mm	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	1.58 mm	Arlon SQA-TMS-003

**Product Color :** Red

### PHYSICAL PROPERTIES

#### Silicone Compound Properties

	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> MPa	8.2	ASTM D 412
<b>Elongation</b> %	765	ASTM D 412
<b>Durometer</b> Shore A Points	50	ASTM D 2240
<b>Specific Gravity</b> ---	1.12	Arlon SQA-TMS-024

#### Substrate Properties

	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.48 mm	Arlon SQA-TMS-003
<b>Color</b>	Naturally white	N/A

#### Product Properties

	<u>Value</u>	<u>Method</u>
<b>Durometer</b>	70	ASTM D 2240
<b>Total Product Weight</b> grams/m <sup>2</sup>	1638	Arlon SQA-TMS-025

### SHELF LIFE AND APPLICATION

**Product Shelf Life** 5 years from date of manufacture @ 23°C

*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.*

**Recommended application temperature** 150°C-300°C

**Recommended application pressure** 0MPa-5MPa

#### Service Life

31 hours (250°C and 2.07MPa)  
155 hours (225°C and 2.07MPa)  
568 hours (200°C and 2.07MPa)

*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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