



SILICONE TECHNOLOGIES DIVISION  
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## PRODUCT INFORMATION SHEET

Arlon Product Number

51073R031

### PRODUCT DESCRIPTION

Ultrapad™ D65 Silicone-based press pad

#### Design / Construction

**Interleave** 0.075 mm PE  
**Side 1:** Cured silicone rubber  
**Substrate:** Style 7628 fiberglass  
**Side 2:** Cured silicone rubber



#### Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
<b>Side 1:</b>	0.29 mm	Arlon SQA-TMS-003
<b>Side 2:</b>	0.29 mm	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.79 mm	Arlon SQA-TMS-003

**Product Color :** Red

### PHYSICAL PROPERTIES

#### Silicone Compound Properties

	<u>Value</u>	<u>Method</u>
<b>Tensile Strength</b> MPa	7.8	ASTM D 412
<b>Elongation</b> %	854	ASTM D 412
<b>Durometer</b> Shore A Points	43	ASTM D 2240
<b>Specific Gravity</b> ---	1.09	Arlon SQA-TMS-024

#### Substrate Properties

	<u>Value</u>	<u>Method</u>
<b>Thickness</b>	0.21 mm	Arlon SQA-TMS-003
<b>Color</b>	Naturally white	N/A

#### Product Properties

	<u>Value</u>	<u>Method</u>
<b>Durometer</b>	81	ASTM D 2240
<b>Total Product Weight</b> grams/m <sup>2</sup>	891	Arlon SQA-TMS-025

### SHELF LIFE & PROCESSING RECOMMENDATIONS

#### 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** 114 hours (225°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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