

## PRODUCT INFORMATION SHEET

**Arlon Product Number**

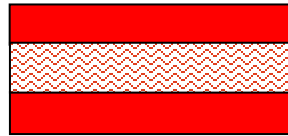
55173R045

### PRODUCT DESCRIPTION

Ultrapad™ D75 Silicone-based press pad

**Design / Construction**

**Interleave** 2.5 mil Polyethylene  
**Side 1:** Cured Silicone Rubber  
**Substrate:** Style 162 Fiberglass  
**Side 2:** Cured Silicone Rubber



**Rubber Add-On Thickness**

	<b>Value</b>	<b>Method</b>
<b>Side 1:</b>	0.014"	Arlon SQA-TMS-003
<b>Side 2:</b>	0.014"	Arlon SQA-TMS-003
<b>Overall Thickness:</b>	0.045"	Arlon SQA-TMS-003

**Product Color :** Red

### TYPICAL PROPERTIES

**Silicone Properties**

	<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b> MPa	8.1	Arlon SQA-TMS-008
<b>Elongation</b> %	682	Arlon SQA-TMS-008
<b>Durometer</b> Shore A Points	61	Arlon SQA-TMS-014
<b>Specific Gravity</b> ---	1.20	Arlon SQA-TMS-024

**Substrate Properties**

	<b>Value</b>	<b>Method</b>
<b>Thickness</b>	0.017"	Arlon SQA-TMS-003
<b>Color</b>	Red	N/A

**Product Properties**

	<b>Value</b>	<b>Method</b>
<b>Durometer</b> Shore A Points	79	Arlon SQA-TMS-014
<b>Total Product Weight</b> oz/yd <sup>2</sup>	49.12	Arlon SQA-TMS-025

### SHELF LIFE & PROCESSING RECOMMENDATIONS

**Product Shelf Life** 60 months from date of manufacture @ 21°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**  
 41 hours (250°C and 2.07MPa)  
 140 hours (225°C and 2.07MPa)  
 502 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.  
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<http://www.rogerscorporation.com/Library/datasheets.htm>*