

## PRODUCT INFORMATION SHEET

Arlon Product Number 55173R062

## PRODUCT DESCRIPTION

Ultrapad<sup>TM</sup> D75 Silicone-based press pad

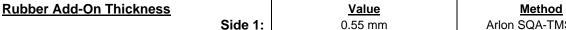
**Design / Construction** 

**Interleave** 0.075 mm PE

Side 1: Cured silicone rubber

Substrate: Style 162 fiberglass

Side 2: Cured silicone rubber



 Side 1:
 0.55 mm
 Arlon SQA-TMS-003

 Side 2:
 0.55 mm
 Arlon SQA-TMS-003

 Overall Thickness:
 1.58 mm
 Arlon SQA-TMS-003

Product Color: Red

## **PHYSICAL PROPERTIES**

Silicone Compound Properties		<u>Value</u>	<u>Method</u>	
Tensile Strength	MPa	8.1	ASTM D 412	
Elongation	%	682	ASTM D 412	
Durometer	Shore A Points	61	ASTM D 2240	
Specific Gravity		1.20	Arlon SQA-TMS-024	
Substrate Properties		<u>Value</u>	<u>Method</u>	
Thickness		0.48 mm	Arlon SQA-TMS-003	
Color		Naturally white	N/A	
Product Properties		<u>Value</u>	<u>Method</u>	
Durometer		75	ASTM D 2240	
Total Product Weight	grams/m <sup>2</sup>	2047	Arlon SQA-TMS-025	

## SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life	5 years from date of manufacture @ 23°C
Product Shell Life	5 years from date of manufacture (# 25%)

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
	41 hours (250°C and 2.07MPa)
Service Life	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.

Please verify that any printed hard copy of this datasheet is current by referencing:

<a href="http://www.arlon-std.com/Library/datasheets.htm">http://www.arlon-std.com/Library/datasheets.htm</a>

Last Revised October 17, 2008,