



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

PRODUCT INFORMATION SHEET

Arlon Product Number

55173R062

PRODUCT DESCRIPTION

Ultrapad™ 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



Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
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 ²	2047	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

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.

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

<http://www.arlon-std.com/Library/datasheets.htm>

Last Revised October 17, 2008,