



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number

55072R125D

PRODUCT DESCRIPTION

Ultrapad™ silicone-based press pad

Design / Construction

Interleave 0.0025" PE
Side 1: Cured silicone rubber
Substrate: Style 162 fiberglass
Side 2: N/A



Rubber Add-On Thickness

	<u>Value</u>	<u>Method</u>
Side 1:	0.109"	Arlon SQA-TMS-003
Side 2:	N/A	Arlon SQA-TMS-003
Overall Thickness:	0.125"	Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES

Silicone Compound Properties

	<u>Value</u>	<u>Method</u>
Tensile Strength psi	1130	ASTM D 412
Elongation %	854	ASTM D 412
Durometer Shore A Points	43	ASTM D 2240
Specific Gravity ---	1.09	Arlon SQA-TMS-024

Substrate Properties

	<u>Value</u>	<u>Method</u>
Thickness	0.016"	Arlon SQA-TMS-003
Color	Red	N/A

Product Properties

	<u>Value</u>	<u>Method</u>
Total Product Weight oz/yd ²	105	Arlon SQA-TMS-025

SHELF LIFE & OPERATING CONDITIONS

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.rogerscorporation.com/Library/datasheets.htm>

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