

PRODUCT INFORMATION SHEET

Arlon Product Number

55836R062

PRODUCT DESCRIPTION

Ultrapad™ Mar Resistant Silicone-based press pad

Design / Construction

Interleave: N/A
Side 1: Cured silicone rubber
Substrate: Style 162 fiberglass
Side 2: Uncured silicone rubber
Interleave: 0.003" Polyethylene



<u>Rubber Add-On Thickness</u>	<u>Value</u>	<u>Method</u>
Side 1:	0.58 mm	Arlon SQA-TMS-003
Side 2:	0.58 mm	Arlon SQA-TMS-003
Overall Thickness:	1.6 mm	Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

<u>Silicone Compound Properties</u>	<u>Value</u>	<u>Method</u>
Tensile Strength MPa	8.6	Arlon SQA-TMS-008
Elongation %	240	Arlon SQA-TMS-008
Durometer Shore A Points	73	Arlon SQA-TMS-014
Specific Gravity ---	1.27	Arlon SQA-TMS-024
<u>Substrate Properties</u>	<u>Value</u>	<u>Method</u>
Thickness	0.4 mm	Arlon SQA-TMS-003
Color	Red	N/A
<u>Product Properties</u>	<u>Value</u>	<u>Method</u>
Durometer Shore A Points	81	Arlon SQA-TMS-014
Ply Adhesion (S1/S2) lb/in	7.1	Arlon SQA-TMS-011
Total Product Weight g/m ²	2231	Arlon SQA-TMS-025

SHELF LIFE & TYPICAL SERVICE CONDITIONS

Product Shelf Life	6 months from date of manufacture @ 7°C
<i>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.</i>	
Recommended Cure Cycle	15 minutes @ 177°C and 0 MPa
Recommended application temperature	150°C-300°C
Recommended application pressure	0MPa-10MPa
Service Life	80 hours (225°C and 6.9MPa)

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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