ARLON

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PRODUCT INFORMATION SHEET

Arlon Product Number	91B32R016AC

PRODUCT DESCRIPTION

Aluminum Clad Press Pad with "C-finish"

Design / Construction

Side 2: Alloy 1100 H18 Aluminum Foil	
Side 1: Cured silicone rubber	

Thickness Specifications	Value	Method
Laminated aluminum foil:	0.004"	Arlon SQA-TMS-003
Side 1:	0.012"	Arlon SQA-TMS-003
Overall Thickness:	0.016"	Arlon SQA-TMS-003

TYPICAL PROPERTIES

Silicone Compound Properties		Value	Method
Adhesion Strength to Aluminum	lb/in	10.1	Arlon SQA-TMS-011
Tensile Strength	Psi	1481	Arlon SQA-TMS-008
Elongation	%	263	Arlon SQA-TMS-008
Specific Gravity	--	1.27	Arlon SQA-TMS-024

Alloy 1100 Properties		Value	Condition
Rigidity	grams	8500	Arlon Gurley Test
Temper	--	H18	--
Tensile Strength	psi	23900	ASTM E345
Yield Stress	psi	21000	ASTM E345
Density	g/cc	2.7	--
Aluminum Content	% minimum	99	--

Product Properties		Value	Method
Product Weight	oz/yd^2	19.5	Arlon SQA-TMS-025

SHELF LIFE AND TYPICAL SERVICE CONDITIONS

Product Shelf Life   12 months from the date of manufacture @ 70°F

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	100°C to 300°C
Recommended application pressure	0 MPa to 10 MPa

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:
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