



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Product Number 99C52R197

PRODUCT DESCRIPTION

Design / Construction

Product Cured Silicone Sponge

Thickness

Overall:

Value

0.197"

Method

Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Product Properties

		Value	Method
Compression deflection (@ 25%)	psi	8.5	ASTM D1056-07
Compression Set (@100C*22hrs)	%	7.5	ASTM D1056-07
Water Absorption	%	3.8	ASTM D1056-07
Tensile Strength	psi	101	Arlon SQA-TMS-008
Elongation	%	573	Arlon SQA-TMS-008
Thermal Conductivity (@200C)	W/mK	0.12	Arlon SQA-TMS-014
Ply adhesion strength to Rogers 51276R015	lb/in	4.8 (100% cohesive)	Arlon SQA-TMS-011
Density	lb/ft ³	27.3	Rogers Internal

SHELF LIFE & PRODUCT OPERATING TEMPERATURE

Product Shelf Life 60 months from 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.

Product Operating Temperature -70°F to 428°F

*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>

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