



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number

48362X005

PRODUCT DESCRIPTION

Silquench™ Flame Retardant Substrate

Design / Construction

Interleave 1:	N/A		
Side 1:	Cured Silicone Rubber		
Substrate	Style 1080 fiberglass		
Side 2:	N/A		
Interleave 2:	N/A		
Rubber Add-On Thickness		Value	Method
Side 1:		0.002"	Arlon SQA-TMS-003
Side 2:		N/A	Arlon SQA-TMS-003
Overall Thickness:		0.005"	Arlon SQA-TMS-003

Product Color : Gray

PHYSICAL PROPERTIES

Silicone Properties		Value	Method
Tensile Strength	psi	1000	ASTM D 412
Elongation	%	275	ASTM D 412
Durometer	Shore A Points	66	ASTM D 2240
Specific Gravity	---	1.47	Arlon SQA-TMS-024
Substrate Properties		Value	Method
Thickness		0.003"	Arlon SQA-TMS-003
Product Properties		Value	Method
Total Product Weight	oz/yd ²	5.6	Arlon SQA-TMS-025
Flame Resistance			
Flame Propagation	inches	0.5	Title 14 CFR 25.856(a) Appendix F, Part VI (amdt. 25-111)
After Flame Time	seconds	0.0	

SHELF LIFE AND PROCESSING CONDITIONS

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.

Recommended Cure Cycle N/A

Recommended Postcure Cycle N/A

Product Operating Temperature -70°F to 400°F

UL Recognition

UL Recognition : N/A

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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