

PRODUCT INFORMATION SHEET

Arlon Product Number 55273R060

PRODUCT DESCRIPTION

Design / Construction

Interleave: 3 mil PE
Side 2: Cured Silicone Rubber
Substrate: Style 162 fiberglass
Side 1: Cured Silicone Rubber



Rubber Add-On Thickness	Value	Method
Side 1:	0.021"	Arlon SQA-TMS-003
Side 2:	0.021"	Arlon SQA-TMS-003
Overall Thickness:	0.060"	Arlon SQA-TMS-003

Product Color : Red

PHYSICAL PROPERTIES

Layer 2 Silicone Properties	Value	Method
Tensile Strength psi	800	ASTM D 412
Elongation %	225	ASTM D 412
Tear Strength ppiw	90	ASTM D624
Durometer Shore A Points	60	ASTM D 2240
Specific Gravity ---	1.35	Arlon SQA-TMS-024

Layer 1 Silicone Properties	Value	Method
Tensile Strength psi	800	ASTM D 412
Elongation %	225	ASTM D 412
Tear Strength ppiw	90	ASTM D624
Durometer Shore A Points	60	ASTM D 2240
Specific Gravity ---	1.35	Arlon SQA-TMS-024

Substrate Physical Properties	Value	Method
Thickness	0.018"	Arlon SQA-TMS-003

Product Properties	Value	Method
Dielectric Strength volts/mil	400	ASTM D 149
Bond Strength (S1 to S1) lb/in	N/A	ASTM D 624
Total Product Weight oz/yd ²	60	Arlon SQA-TMS-025

PROCESSING RECOMMENDATIONS

Product Shelf Life	60 months from date of manufacture @ 75°F <small>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.</small>
Recommended Cure Cycle	N/A
Recommended Postcure Cycle	400°F for 2 hours
Product Operating Temperature	-70°F to 450°F

UL Recognition

UL Recognition : E54153 (220/220°C RTI)

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.