

Elastomeric Material Solutions Division
 1100 Governor Lea Road, Bear, DE 19701
 (302) 834-2100 (302) 834-4021 (Fax)
www.rogerscorp.com/arlton

PRODUCT INFORMATION SHEET	
ARLON® Product Number	63D53X106U

PRODUCT DESCRIPTION

Design / Construction	
Interleave:	0.0025" polyethylene
Side 1:	Cured Silicone Rubber Polyester fabric
Core:	Cured Silicone Rubber Polyester fabric
Side 2:	Cured Silicone Rubber



Rubber Add-On Thickness	Value	Method
Overall Thickness:	0.104±6"	Arlon SQA-TMS-003

Product Color: Light Grey

TYPICAL PROPERTIES

Core Properties	Value	Method
Adhesion Strength	>10.0 lbf/in	Arlon SQA-TMS-011
Product Properties		
Outside Layer Adhesion Strength	lbf/in	>11.5
Tensile Strength, Warp	lbf/in	>450
Tensile Strength, Fill	lbf/in	>394
Tear Strength, Warp	lbf	>90
Tear Strength, Fill	lbf	>101
Flame Spread	Is <35	ASTM E 162
Smoke Density	Ds at 90sec	<100
		<200
Toxicity	Fulfilled	BSS 7239
Fire propagation index	--	I<12, i ₁ <6
Classification of spread of flame	--	Class 2
Evaluation of toxic fumes	--	R (max)<1.0
Smoke emission	--	A(on)<2.6, A(off)<3.9
Total Product Weight	kg/m⁴	3.7
		Arlon SQA-TMS-025

SHELF LIFE AND OPERATING TEMPERATURE

Product Shelf Life	60 months from date of manufacture @21°C+/- 3°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>	
Product Operating Temperature	-50°C to 70°C

The data presented in this document represents typical values for the production material. Typical values should not be used for specification limits. Please verify that any printed hard copy of this datasheet is current by referencing: www.rogerscorp.com/arlton

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