

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

PRODUCT INFORMATION SHEET	
ARLON® Product Number	63893X083

PRODUCT DESCRIPTION			
PRODUCT DESCRIPTION: Gangway Bellow Material			
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:		0.083"	Arlon SQA-TMS-003
Product Color :	Light Gray		
TYPICAL PROPERTIES			
Core Properties		Value	Method
Adhesion Strength	lbf/in	17	Arlon SQA-TMS-011
Product Properties		Value	Method
Tensile Strength, Warp	lbf/in	719	SQA-TMS-026
Tensile Strength, Fill	lbf/in	626	SQA-TMS-026
Tear Strength, Warp	lbf	568	SQA-TMS-059
Tear Strength, Fill	lbf	491	SQA-TMS-059
Flex Fatigue, Warp	cycles	>250,000	SQA-TMS-062
Flex Fatigue, Fill	cycles	>250,000	SQA-TMS-062
Flame Spread	I_s	12.6	ASTM E 162
Smoke Density	D_s at 90sec	12	ASTM E 662
	D_s at 240sec	189	
Toxicity	ppm	<5	BSS 7239
Total Product Weight	lbs/yd⁴	5.0	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	-65°C to 121°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/arlon

The information contained in this Data Sheet is intended to assist you in designing with Rogers' ARLON Materials. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown in this Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers' ARLON Materials for each application. The Rogers logo, Helping power, protect, connect our world and ARLON are trademarks of Rogers Corporation or one of its subsidiaries. ©2018 Rogers Corporation, All rights reserved. Printed in U.S.A., 0218-PDF, Publication #202-156