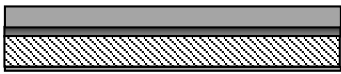




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PRODUCT INFORMATION SHEET	
<b>ARLON® Product Number</b>	55978X030

PRODUCT DESCRIPTION			
<b>Design / Construction</b>			
<b>Interleave:</b>	0.003" polyethylene		
<b>Side 2, Layer 2:</b>	Uncured Silicone Rubber		
<b>Side 2, Layer 1:</b>	Cured Silicone Rubber		
<b>Substrate</b>	Style 162 fiberglass		
<b>Side 1:</b>	Cured Silicone Rubber		
			
<b>Rubber Add-On Thickness</b>		<b>Value</b>	<b>Method</b>
	<b>Side 2, Layer 2:</b>	0.0080"	Arlon SQA-TMS-003
	<b>Side 2, Layer 1:</b>	0.0020"	Arlon SQA-TMS-003
	<b>Side 1:</b>	0.0015"	Arlon SQA-TMS-003
	<b>Overall Thickness:</b>	0.0305"	Arlon SQA-TMS-003
<b>Product Color :</b>	Blue Gray		
TYPICAL PROPERTIES			
<b>Silicone Properties</b>		<b>Value</b>	<b>Method</b>
<b>Tensile Strength</b>	psi	1290	Arlon SQA-TMS-008
<b>Elongation</b>	%	150	Arlon SQA-TMS-008
<b>Tear Strength (Die B)</b>	lb/in	83	Arlon SQA-TMS-029
<b>Durometer</b>	Shore A Points	62	Arlon SQA-TMS-014
<b>Specific Gravity</b>	---	1.44	Arlon SQA-TMS-024
<b>Substrate Properties</b>		<b>Value</b>	<b>Method</b>
<b>Thickness</b>		0.019"	Arlon SQA-TMS-003
<b>Color</b>		White	N/A
<b>Product Properties</b>		<b>Value</b>	<b>Method</b>
<b>Dielectric Strength</b>	volts/mil	618	Arlon SQA-TMS-020
<b>Bond Strength (S2 to S2)</b>	lb/in	3.0	Arlon SQA-TMS-011
<b>Flame Resistance</b>	UL94	V-0	Arlon SQA-TMS-019
<b>Total Product Weight</b>	oz/yd <sup>2</sup>	31.0	Arlon SQA-TMS-025
SHELF LIFE & PROCESSING RECOMMENDATIONS			
<b>Product Shelf Life</b>	6 months from date of manufacture @ 70°F		
	<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>		
<b>Recommended Cure Cycle</b>	15 minutes @ 350°F and 50 psi		
<b>Recommended Postcure Cycle</b>	400°F for 2 hours		
<b>Product Operating Temperature</b>	-70°F to 428°F		

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](http://www.rogerscorp.com/arlton)

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