



SILICONE TECHNOLOGIES DIVISION  
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PRODUCT INFORMATION SHEET	
<b>Arlon Part Number</b>	55503R062
<b>Customer/Part Number</b>	

PRODUCT INFORMATION		
Design / Construction	Value	Tolerance
<b>Side 1:</b> Cured Silicone Rubber		
<b>Side 2:</b> Cured Silicone Rubber		
<b>Rubber Add-On Thickness</b>		Minimum
<b>Side 1:</b> .022"		Minimum
<b>Side 1:</b> .022"		±.005
<b>Overall Thickness:</b> .062"		
<b>Dielectric Strength, Volts/mil</b>	400	Minimum
<b>Bond Strength, lb/in</b>	N/A	N/A
<b>Total Product Weight, oz/yd<sup>2</sup></b>	57.7	±5.5
<b>Interleave</b>	.003" Polyethylene	
<b>Product Color</b>	Red	
<b>Product Shelf Life</b>	12 Months from Date of Manufacture	
	<i>Note: Shelf life is defined as the duration of time for which the product will meet the physical requirements outlined below. It does not guarantee the product's usefulness in all applications.</i>	
<b>Operating Temperature Range</b>	-70° to 450° F	
FLAME RETARDANCE INFORMATION		
<b>UL Recognition</b>	N/A	
<b>Flame Test Method</b>	No Flame Retardant Added	
Flame Test Information	Value	Tolerance
<b>Flame Time, seconds</b>	N/A	N/A
<b>Glow Time, seconds</b>	N/A	N/A
<b>Char Length, inches</b>	N/A	N/A
COMPOUND INFORMATION		
Physical Property	Value	Tolerance
<b>Tensile Strength, psi</b>	1100	Minimum
<b>Elongation, %</b>	600	Minimum
<b>Tear Strength, lb/in</b>	N/A	
<b>Compression Set, %</b>	N/A	
<b>Thermal Conductivity, W/m•K</b>	N/A	
<b>Durometer, Shore A Points</b>	50	±5
SUBSTRATE INFORMATION		
<b>Substrate Type</b>	Prime Coated 162 Style Fiberglass	
Physical Property	Value	Tolerance
<b>Thickness, in</b>	.018	Nominal
<b>Uncoated Fabric Break Strength, lb/in</b>		
<b>Warp Direction:</b>	700	Nominal
<b>Fill Direction:</b>	420	Nominal

The data presented in this document represents typical values for the production material.  
 This data should not be used to write, or in place of, material specifications.