



SILICONE TECHNOLOGIES DIVISION
 1100 Governor Lea Road, Bear, DE 19701
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PRODUCT INFORMATION SHEET	
Arlon Part Number	55579R055
Customer/Part Number	

PRODUCT INFORMATION		
Design / Construction	Value	Tolerance
Side 1:	Uncured layer on top of a cured layer on one side	
Rubber Add-On Thickness	Side 1: .004" Cured Rubber Layer	Nominal
	Side 1: .033" Uncured Rubber Layer	Minimum
Overall Thickness:	.055"	+ .006" -0.00
Dielectric Strength, Volts/mil	400	Minimum
Bond Strength, lb/in	6.0	Minimum
Mullen Burst Strength, psi	N/A	
Thermal Impedance, °C/W	N/A	
Total Product Weight, oz/yd ²	51.8	±4.8
Interleave	.003" Polyethylene	
Product Color	Red	
Product Shelf Life	6 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>	
Recommended Cure Cycle	15 minutes @350° F	
Recommended Postcure Cycle	2 hours @400° F	
Product Operating Temperature	-70° to 450° F	
FLAME RETARDANCE INFORMATION		
UL Recognition	N/A	
Flame Test Method	Compound meets UL94-HB	
Flame Test Information	Value	Tolerance
Flame Time, seconds	Per Specification	
Glow Time, seconds	Per Specification	
Char Length, inches	Per Specification	
COMPOUND INFORMATION		
Physical Property	Value	Tolerance
Tensile Strength, psi	800	Minimum
Elongation, %	500	Minimum
Tear Strength, lb/in	N/A	
Compression Set, %	N/A	
Thermal Conductivity, W/m•K	N/A	
Durometer, Shore A Points	45	±5
SUBSTRATE INFORMATION		
Substrate Type	Prime Coated 162 Style Fiberglass	
Physical Property	Value	Tolerance
Thickness, in	.018	Nominal
Uncoated Fabric Break Strength, lb/in		
Warp Direction:	700	Nominal
Fill Direction:	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.