



SILICONE TECHNOLOGIES DIVISION  
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PRODUCT INFORMATION SHEET	
Arlon Part Number	P29609R025
Customer/Part Number	

PRODUCT INFORMATION		
Design / Construction	Value	Tolerance
Side 1: Layer-on-Layer Side 2: N/A		
Rubber Add-On Thickness Side 1: .002" Fully Cured Side 1: .015" Uncured Overall Thickness: .025"		Minimum Minimum ±.001
Dielectric Strength, Volts/mil	400	Minimum
Bond Strength, lb/in	5.0	Minimum
Mullen Burst Strength, psi	N/A	N/A
Thermal Impedance, °C/W	N/A	N/A
Total Product Weight, oz/yd <sup>2</sup>	26.4	±2.0
Interleave	.0015" Polyethylene	
Product Color	Red	
Product Shelf Life	6 months from date of manufacture @75°F <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°F to 500°F	
FLAME RETARDANCE INFORMATION		
UL Recognition	N/A	
Flame Test Method	FTMS 191A; Method 5903	
Flame Test Information	Value	Tolerance
Flame & Glow Time, seconds	15.0	Maximum
Glow Time, seconds	N/A	
Char Length, inches	3.0	Maximum
COMPOUND INFORMATION		
Physical Property	Value	Tolerance
Tensile Strength, psi	900	Minimum
Elongation, %	200	Minimum
Tear Strength, lb/in	N/A	N/A
Compression Set, %	N/A	N/A
Thermal Conductivity, W/m•K	N/A	N/A
Durometer, Shore A Points	60	±5
SUBSTRATE INFORMATION		
Substrate Type	Prime Coated 7628 Fiberglass	
Physical Property	Value	Tolerance
Thickness, in	.008	Nominal
Uncoated Fabric Break Strength, lb/in		
Warp Direction:	250	Nominal
Fill Direction:	200	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.