



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET	
Arlon Part Number	P29600R011
Customer/Part Number	

PRODUCT INFORMATION		
Design / Construction	Value	Tolerance
Side 1:	Uncured silicone rubber	
Side 2:	N/A	
Rubber Add-On Thickness	Side 1: 0.006"	+ 0.002", - 0.001"
	Side 2: N/A	N/A
Overall Thickness:	0.011"	± 0.001"
Dielectric Strength, Volts	440	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/yd²	11.25	± 1.0
Interleave	0.0015" 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 and 50 psi	
Recommended Postcure Cycle	400°F for 2 hours	
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 and Glow Time, seconds	15	Maximum
Char Length, Inches	3	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 1165 Fiberglass	
Physical Property	Value	Tolerance
Thickness, in	0.005"	Nominal
Uncoated Fabric Break Strength, lb/in		
Warp Direction:	125	Nominal
Fill Direction:	160	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.