



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET	
Arlon Part Number	99410R015 (Thermabond®)
Customer/Part Number	

PRODUCT INFORMATION		
Design / Construction	Value	Tolerance
Side 1:	Unsupported/Uncured Rubber	
Side 2:	N/A	
Rubber Add-On Thickness		
Side 1:	.015"	±.0015
Side 2:	N/A	N/A
Overall Thickness:	.015"	±.0015
Dielectric Strength, Volts/mil	350	5.25 KV Minimum
Lap Shear Strength, psi	400	Minimum
Shear Modulus, psi	100	Maximum
Thermal Impedance, °C/W	1.3	±0.10
Total Product Weight, oz/yd²	17.0	±1.7
Interleave	.001" FEP	
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 @250° F	
Recommended Postcure Cycle	N/A	
Product Operating Temperature	-100 to 450°F	
FLAME RETARDANCE INFORMATION		
UL Recognition	N/A	
Flame Test Method	N/A	
Flame Test Information	Value	Tolerance
Flame Time, seconds	N/A	N/A
Glow Time, seconds	N/A	N/A
Char Length, inches	N/A	N/A
COMPOUND INFORMATION		
Physical Property	Value	Tolerance
Tensile Strength, psi	700	Minimum
Elongation, %	250	Minimum
Tear Strength, lb/in	N/A	N/A
Compression Set, %	N/A	N/A
Thermal Conductivity, W/m•K	.32	±0.04
Durometer, Shore A Points	50	Minimum
SUBSTRATE INFORMATION		
Substrate Type	PTFE Coated Fiberglass	
Physical Property	Value	Tolerance
Thickness, in	.003"	Nominal
Uncoated Fabric Break Strength, lb/in	N/A	N/A
Warp Direction:	N/A	N/A
Fill Direction:	N/A	N/A

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.