ROGERS CORPORATION
Arlon Silicones Technology
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PRODUCT INFORMATION SHEET

Arlon Part Number 51268R020P
Customer/Part Number

PRODUCT INFORMATION

Design / Construction	Value	Tolerance
Side 1:	Cured silicone rubber	
Side 2:	Cured/Uncured silicone rubber	
Rubber Add-On Thickness Side 1:	Skim coat	N/A
Side 2:	Skim coat + 0.010" uncured	0.010" minimum (uncured)
Overall Thickness:	0.020"	±0.002"
Dielectric Strength, Volts/mil	400	Minimum
Bond Strength, lb/in	6.0	Minimum
Mullen Burst Strength, psi	N/A	N/A
Thermal Impedance, °C/W	N/A	N/A
Total Product Weight, oz/yd²	19.4	±1.8

Interleave	0.003" polyethylene
Product Color	Red
Product Shelf Life	6 months from date of manufacture @ 70°F

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.

Recommended Cure Cycle	15 minutes @ 350°F and 50 psi
Recommended Postcure Cycle	400°F for 2 hours
Product Operating Temperature	-70°F to 450°F

FLAME RETARDANCE INFORMATION

UL Recognition	N/A
Flame Test Method	FTMS 191A; Method 5903

Flame Test Information	Value	Tolerance
Flame Time, seconds	15.0	Maximum
Glow Time, seconds	N/A	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	7628 fiberglass w/heavy dispersion coat

Physical Property(uncoated glass)	Value	Tolerance
Thickness, in	0.0075"	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.