

## Arlon 55503R062 0.062" Cured Silicone Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Silicone , Silicone, Molded, Glass Fiber Filled

### Material Notes:

Design/Construction: Interleave: 3 mil Polyethylene  
Side 1: Cured Silicone Rubber  
Substrate: Prime Coated 162 Style Fiberglass  
Side 2: Cured Silicone Rubber  
This data represents typical values for the production material and should not be used as material specifications. Information provided by ARLON Silicone Technologies Division.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arlon-55503R062-0062-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php](http://www.lookpolymers.com/polymer_Arlon-55503R062-0062-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php)

Physical Properties	Metric	English	Comments
Thickness	457 microns	18.0 mil	Substrate
	559 microns	22.0 mil	Side 1
	559 microns	22.0 mil	Side 2
	1570 microns	62.0 mil	Overall Thickness

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	Silicone Property
Tensile Strength	>= 7.58 MPa	>= 1100 psi	Silicone Property
Elongation at Break	>= 600 %	>= 600 %	Silicone Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	57.5	

Uncoated Fabric Break Strength (lb/in) Descriptive Properties	420 Value	Fill Direction Comments
	700	Warp Direction

## Contact Songhan Plastic Technology Co.,Ltd.

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