

## Arlon 55133R062 0.0622" (1.58 mm) Cured Silicone Rubber with Fiberglass Substrate

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

### Material Notes:

Design/Construction: Interleave: Polyethylene Side 1: Cured Silicone RubberSubstrate: Style 162 FiberglassSide 2: Cured Silicone Rubber  
 Product Use: Press PadAppearance: Red silicone rubber on fiberglass clothThis data represents typical values for the production material.  
 The data should not be used to write, or in place of, material specifications.Information provided by Arlon, Silicone Technologies Division

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arlon-55133R062-00622-158-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php](http://www.lookpolymers.com/polymer_Arlon-55133R062-00622-158-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	Silicone Property; Arlon SQA-TMS-024
Thickness	74.9 microns	2.95 mil	Interleave
	480 microns	18.9 mil	Substrate; Arlon SQA-TMS-003
	551 microns	21.7 mil	Side 1; Arlon SQA-TMS-003
	551 microns	21.7 mil	Side 2; Arlon SQA-TMS-003
	1580 microns	62.2 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	Silicone Property; ASTM D2240
	70	70	Product Property; ASTM D2240
Tensile Strength	8.20 MPa	1190 psi	Silicone Property; ASTM D412
Elongation at Break	765 %	765 %	Silicone Property; ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 °C	572 °F	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	From date of manufacture
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color	Naturally White	Substrate

Descriptive Properties	Value	Comments
Recommended Application Pressure	0 - 5 Mpa	
Service Life	(200°C and 2.07MPa)	
	(225°C and 2.07MPa)	
	(250°C and 2.07MPa)	
Total Product Weight (g/m2)	1638	Arlon SQA-TMS-025

## Contact Songhan Plastic Technology Co.,Ltd.

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