

## Arlon 5163X0085 0.0085" (0.216 mm) Cured Silicone Rubber with Fiberglass Substrate (discontinued \*\*)

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

### Material Notes:

50 inches Overall Width. Design/Construction:Side 1: Cured Silicone RubberSide 2: Cured Silicone RubberProduct Description: Acoustical dampeningAppearance: Silver silicone 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-5163X0085-00085-0216-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Arlon-5163X0085-00085-0216-mm-Cured-Silicone-Rubber-with-Fiberglass-Substrate-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Thickness	127 microns	5.00 mil	Side 2
	127 microns	5.00 mil	Side 1
	191 microns	7.50 mil	7628 Fiberglass, Substrate
	191 - 241 microns	7.50 - 9.50 mil	Overall

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	25 - 35	25 - 35	Compound Property
Tensile Strength	>= 5.52 MPa	>= 800 psi	Compound Property
Elongation at Break	>= 250 %	>= 250 %	Compound Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability Test	<= 3.0	<= 3.0	[in], Char Length; FTMS 191A; Method 5903
	<= 25	<= 25	[sec], Flame and Glow Time; FTMS 191A; Method 5903

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	From date of manufacture
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Aluminum Value	Comments
Total Product Weight (oz/yd2)	6.7 - 8.1	
Uncoated Fabric Break Strength	200 lb/in	Fill Direction, Substrate Property
	250 lb/in	Warp Direction, Substrate Property

## Contact Songhan Plastic Technology Co.,Ltd.

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