

## Arlon Thermabond®-II 99760N015 0.015" (0.381 mm) Unsupported/Uncured Silicone Rubber with Fiberglass Substrate

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

### Material Notes:

Design/Construction:Side 1: Unsupported/Uncured RubberAppearance: White/grey gumThis 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-Thermabond-II-99760N015-0015-0381-mm-UnsupportedUncured-Silicone-Rubber-with-Fiberglass-Substrate.php](http://www.lookpolymers.com/polymer_Arlon-Thermabond-II-99760N015-0015-0381-mm-UnsupportedUncured-Silicone-Rubber-with-Fiberglass-Substrate.php)

Physical Properties	Metric	English	Comments
Thickness	25.4 microns	1.00 mil	FEP, Interleave
	76.2 microns	3.00 mil	PTFE Coated Fiberglass, Substrate
	381 microns	15.0 mil	Overall

Mechanical Properties	Metric	English	Comments
Shear Strength	>= 1.38 MPa	>= 200 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	>= 0.450 W/m-K	>= 3.12 BTU-in/hr-ft <sup>2</sup> -°F	Compound Property
Maximum Service Temperature, Air	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
Cure Time	15.0 min	0.250 hour	Recommended Cure Cycle
	@Temperature 138 °C	@Temperature 280 °F	
Shelf Life	6.00 Month	6.00 Month	From date of manufacture
	@Temperature 18.3 - 23.9 °C	@Temperature 65.0 - 75.0 °F	

Descriptive Properties	Value	Comments
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Descriptive Properties	Value <sup>al</sup>	Comments
Total Product Weight (oz/yd <sup>2</sup> )	17 - 19	

## Contact Songhan Plastic Technology Co.,Ltd.

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