



## Professional Grade Silicone

### Typical Properties

\*These values are typical properties and are not intended for use in preparing specifications.

- Acetoxy Cure
- Color
  - Black
  - Clear
  - White
  - Aluminum
- Continuous working temperature 450°F
- Intermittent temperatures of 500°F
- Dielectric Constant at 100 Hz = 2.8
- Dielectric Strength = 548.6 volts per mil v/mil
- Dissipation Factor at 100 Hz = 0.0015
- Durometer - Shore A = 25 Shore A
- Elongation = 540 %
- Shelf Life = 900 Days
- Specific Gravity @ 25C = 1.04
- Tack-Free Time-50% RH = 20 Minutes
- Tensile Strength = 333.6 psi
- Volume Resistivity = 1.5e+015 ohm-centimeters

### Characteristics

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#### Adhesive Properties:

- Adhesion to Glass
- Adhesion to Metal
- Adhesion to Plastic

#### Cure Properties:

- Condensation Cure

#### Thermal Properties:

- High Temperature Stable
- Low Temperature Stable

#### Viscosity/Consistency-Related Properties:

- Non-Slump

### Regulations

- United States Regulations
  - Mil Spec
    - MIL-A-46106
    - MIL-R 25988B, CLASS I, GRADE 40, Designed to meet
  - NSF Certifications
    - Standard 51
  - Meets FDA Regulation number 21, CFR 177.2600
  - ASTM C920, Type S, Grade NS, Class 25
  - Fed Specs TT-S-001543A & TT-S-00230C, Type 2
  - UL (Underwriters Laboratories, Inc.)
    - Meets UL Specifications

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