



# SA-4826

## Non-Sag Silicone Sealant

UL File No. : E354546

### Applications

Ideal for electrical and electronic components for applications like fixture, insulation, sealing, shock/vibration resistance, moistureproof and encapsulation.

### Features

- SA-4826 is a single component silicone rubber adhesive. Cures at room temperature. Working temperature range is -60°C to 200°C after cured. Retains stable performances after environmental aging and temperature change.
- Excellent electrical insulating properties and chemical stability, with moisture resistance, ozone resistance and good weather resistance.
- High thermal conductivity and flame retardancy, widely used in various electronic components and electrical equipment.
- Outstanding adhesion to general metals and most substrates.

### Typical Specifications

|                      |   |   |
|----------------------|---|---|
| Color                | : | White   |
| Viscosity            | : | @25°C Paste                                       |
| Tack-free time       | : | @25°C 10 - 15 Mins                                |
| Hardness             | : | Shore A 60 - 70 (Fully Cured)                     |
| Tensile Strength     | : | 2.3 Mpa   |
| Elongation           | : | 100 %   |
| Shear Strength       | : | 1.2 Mpa   |
| Thermal Conductivity | : | 0.8 W/mK<br>(0.46 BTU/hrs/FT <sup>2</sup> /FT/°F) |
| Dielectric Constant  | : | 1MHz 3.0  |
| Dissipation Factor   | : | 1MHz $5 \times 10^{-3}$                           |
| Volume Resistivity   | : | $5 \times 10^{13}$ ohm-cm                         |
| Dielectric Strength  | : | 20 kV/mm (508 volts/mil)                          |
| Flammability         | : | UL94 V-0  |
| Shelf Life           | : | @25°C, Unopened 6 Months                          |

※ The curing speed is related to the temperature and humidity in air. The higher the temperature and the humidity are, the faster the curing is.

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JA1503-451