



# 8695 Staticide<sup>®</sup> Silicone Conformal Coating

## Superior Protection Against Corrosion

Silicone Conformal Coating is ideal for providing insulation against high-voltage arcing and corrosion. This highly effective insulative barrier is the ideal choice for protection against rust and corrosion in high humidity situations. Although not intended for outdoor use, Silicone Conformal Coating provides protection against the intermittent exposure of rain and salt on printed circuit board and electronic assemblies.

This tough, transparent coating will not fragment, chip, or crack, and provides exceptional flexibility. The minimum dielectric strength is 700 volts/mil. This formula is ready-to-use as there is no mixing required.

### Ideal for the following applications:

- High-end Automotive manufacturing
- Marine manufacturing
- Avionics, Aerospace manufacturing

### Features:

- ✧ Operating temperature: -55°F/-64°C to 390°F/199°C
- ✧ Coefficient of thermal expansion (in/in/°C)  $2.4 \times 10^{-4}$
- ✧ Contains UV tracer for easy quality control
- ✧ High dielectric breakdown: 1100 volts/mil
- ✧ Thermal expansion 3.4 @ 77°F under 1 khz
- ✧ Meets MIL-I-46058C, Type SR
- ✧ Compliant to IPC-CC-830B with amendment 1
- ✧ Provides excellent flexibility
- ✧ Flammable
- ✧ Made in USA, RoHS compliant

### Directions:

Shake well. Apply to clean and dry unmasked areas. Spray top to bottom, allowing coating to flow lightly around components. Rotate board 90 degrees and repeat. Open vessel of water in drying chamber will accelerate drying.

Cure time: 1.0 mil cures tack-free in 30 minutes.  
Heat cures 8 hours at 170°F (76°C).  
Full cure requires 24 hours.

For industrial use only. Read SDS carefully prior to use.

### Material Compatibility:

ABS	Fair
Buna-N	Good
EPDM	Good
Graphite	Good
HDPE	Good
Kynar™	Fair
LDPE	Good
Lexan™	Fair
Neoprene	Good
Noryl	Good
Nylon™ 66	Good
Cross-linked PE	Good
Polypropylene	Good
Polystyrene	Fair
PVC	Good
Silicone Rubber	Excellent
Teflon™	Good
Viton™	Good

### Product# 8695

11 oz (312g) aerosol / 12 per case

