



8695 Staticide® 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 environments. Although not intended for outdoor use, Silicone Conformal Coating provides protection against the intermittent exposure to 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) 2.4×10^{-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. Opening 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

