



8690 Staticide® Acrylic Conformal Coating

Protection Against Electrical Arcing

Acrylic Conformal Coating is ideal for providing insulation against high-voltage arcing and corona shorts. This highly effective acrylic barrier provides a hard, durable protection against humidity, salt, corrosive vapors, and fungal growth for printed circuit board and electronic assemblies.

This tough, transparent coating will not fragment, chip, or crack, and provides exceptional acid resistance. Its minimum dielectric strength is 1100 volts/mil. This formula is ready-to-use as there is no mixing required.

Ideal for the following applications:

- Aerospace, data communication, engineering and design equipment
- Automotive manufacturing; marine manufacturing
- Pneumatic and hydraulic systems
- Process control; PLC's; instrumentation
- Rigid and flexible PC boards; electrical Assemblies

Features:

- ❖ Operating temperature: -75°F/-59°C to 270°F/132°C
- ❖ Fills holes quickly and easily; self-healing
- ❖ Contains UV tracer for easy quality control
- ❖ High dielectric breakdown: 8300 volts/mil
- ❖ Coefficient of thermal expansion (in/in/°C) 5×10^{-4}
- ❖ Meets MIL-I-46058C, Type AR
- ❖ Compliant to IPC-CC-830B with amendment 1
- ❖ RoHS compliant
- ❖ Flammable
- ❖ Made in USA

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	Fair
Teflon™	Good
Viton™	Good

Product# 8690

12 oz (340g) aerosol / 12 per case

