



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 fast-drying formula is a highly effective, durable acrylic barrier against environmental elements. It is suitable for both rigid and flexible PCBs and electronic assemblies.

The resilient, transparent coating will not fragment, chip, or crack, and provides exceptional acid resistance. Self-healing properties afford protection against nicks and scratches after curing. This ready-to-use formula works well in both hot and cold operating environments.

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 water vessel in drying chamber to 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.

Following final installation and assembly of new component, recoat area lightly. 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 |



Ideal for the following applications:

- Data communication, engineering, and design equipment
- Pneumatic and hydraulic systems
- Process control, PLCs, instrumentation
- Rigid and flexible PCBs, electrical assemblies

FEATURES:

- ❖ Operating temperature: -75°F/-59°C to 270°F/132°C
- ❖ Fills holes quickly and easily; self-healing
- ❖ Contains UV indicator for quality control
- ❖ Dielectric strength: 1100 volts/mil thickness
- ❖ 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

Product# 8690

12 oz (340g) aerosol / 12 per case