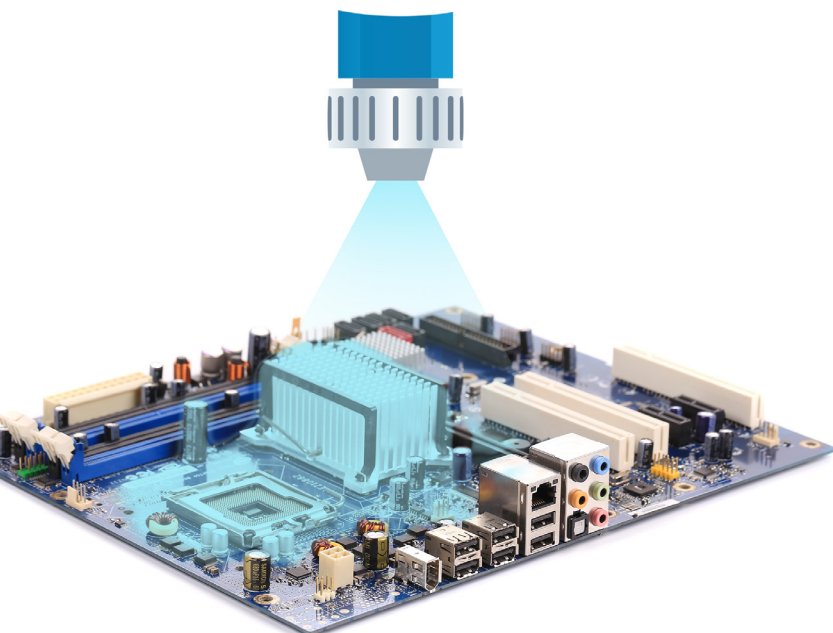


## FlexCOAT<sup>®</sup> FC60

Conformal Coating  
for LED Lighting



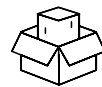
### Description

FlexCOAT FC60 is a high quality flexible, transparent, ECO FRIENDLY Acrylic Conformal coating for LED Lighting. FlexCOAT FC60 is approved by C DOT and it conforms to MIL Standard: MIL - I - 46058C Type AR. It ensures protection for LED Lighting and components against moisture, Oxidation, fungus etc., in humid conditions. It is easy to apply and fast drying and has good flexibility. Servicing is easy as the coating is readily solderable. FlexCOAT FC60 has high dielectric strength ad it provides protection against high voltage arcing and corona shorts.



### Features

- Protects LED lighting from higher humidity, salty weather, conductive dust, oxidation, corrosion, rusting and fungus, etc
- Provides transparent hard film coating on the surface of the LED lights and circuits
- Improves the functioning of LED lights
- Does not affect the luminosity of LED Lights
- Reduces service calls and repairs



### Packing

- 1 Litre Bottles



### Shelf Life

- 12 months in original sealed containers

## Technical Properties

| Property                               | Value  |
|--|--|
| Appearance                             | Clear, Transparant, Smooth & Glossy                              |
| Drying Time                            | Touch Dry:< 20 mts. in air. Curing @ 60°C for 30 mts.recommended |
| Cure Time                              | 24 hrs. Optimum Properties: 7 days.                              |
| Working Temp.                          | - 50°C to 130°C  |
| Di-electric strength                   | 25 kV/mm.  |
| CTI Value (Comparative Tracking Index) | 600  |
| Viscosity of Lacquer                   | 60 secs. Zahn cup G1 @ 30°C                                      |
| Flammability                           | Self extinguishing (coating) Liquid : flammable                  |
| Insulation Resistance                  | 2.5 x 10 <sup>12</sup> Ohm/cm                                    |
| Dielectric Constant                    | 2.5  |
| Dissipation factor                     | 0.01   |
| Flash point                            | < 0 deg.C.   |

### Application Guidelines

Clean the surface thoroughly before application. Pre- drying in a clean oven is recommended. FlexCOAT FC60 can be applied by Brushing, Dipping or by Spraying. This can be used in a Dip Coating Machine or can be applied by a dispenser

### Removal

The coating can be removed using industrial thinner

### Storage

FlexCOAT FC60 is a flammable material. Contact with skin or eyes and inhalation should be avoided. In case of contact:  
Skin: wash the affected areas with soap and plenty of water.  
Eyes: Wash with plenty of water. If irritation persists, get medical aid immediately. Keep away from open flames and Flammable material. Use in an adequately ventilated area only. Refer to our MSDS before using the product.