



ConinsPune



GLOBAL QUALITY THROUGH
INDIGENOUS TECHNOLOGY

ISO 9001-2008 • C-DOT Approve • Mil-Standard Mil-I-46058C Type AR • RoHs Compliances

CONINS ACRYLCOAT CONFORMAL COATING

HOW TO APPLY

AR - 30 Acrylcoat 500 ml Aerosol (spray)

- * ACRYLCOAT AR-30 is pressurized can with gas and the Acrylcoat
- * Before use shake the can gently to mix
- * Keep distance about 6" to 8" at least for Acrylcoat to spread uniformly
- * PCB assembly to be placed horizontally on table while
- * After apply keep the PCB assembly open to air for natural drying
- * Touch to dry will take min 5-7 min @ 25 -30 deg C
- * Check the coating under UV lamp for all portion covered or not
- * Continuity test after coating to be done only after 4-6 Hrs
- * Optimum properties of conformal coating will get after 24 Hrs .
- * In Rainy and winter seasons preheating are required for moisture removing on the surface.



What care to take while coating AR- 30 ?

- * Operator should wear mask while spraying Acrylcoat Advised to use Hand gloves while operating
- * Do not bend over the pcb assembly while spraying
- * Ventilation of fresh air should be there while operating
- * Do not spray in closed room or Ac rooms.
- * Table near window with Exhaust fan above the operating table should be there.
- * DO not operate near the flame and hot devices (it is fire catching)
- * If by accident spry goes in eyes wash with lots of normal water at least 5-7 min.
- * Refer MSDS.

How to make fast coating for bulk quantity PCB assembly.

Pre Heat & Post Heat procedure

- * For bulk production the drying time required to be shorten / less
- * Then procedure to be followed as below
- * Pre heat the tested ok PCB assembly for 1 min. @ 50deg C
- * Immediately apply the coating
- * Post heating Again heat the coated PCB for 1-2 min. for faster drying (touch to dry)
- * Proceed for further assembly. (test after 2 hrs of coating)
- * For preheat & posts heating drying process use of Hot Air blower or
- * Oven or 100 watt bulb cavity can be arrange but it should be open type to vapor the solvents in AIR