

UV Cure 60-7114

Water Resistant Potting Compound & Adhesive

DESCRIPTION:

UV Cure 60-7114 is a low viscosity urethane adhesive, potting compound and coating. This UV Curable Resin is formulated to provide excellent water and chemical resistance. It is a good choice for potting electronic assemblies exposed to excessive moisture. UV Cure 7114 has very good adhesion to metal and plastic substrates.

FEATURES:

- Excellent Water Resistance
- Good Electrical Insulation Properties
- Good Toughness
- Good Adhesion to most substrates

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25 °C, cps	3,000
Hardness, Shore D	50
Specific gravity, 25 °C	.97
Tensile strength, psi	1,500
Operating temperature range, °C	-55 to +155

ADHESION:

Aluminum	SR
Brass	SR
Copper	SR
Stainless steel	HR
Glass	SR
PVC	HR
Nylon	SR
HDPE	R
LDPE	R

SR = Strongly recommended
R = Recommended

HR = Highly recommended
NR = Not recommended

CURE SCHEDULE:

UV Cure 100 Spot Cure, seconds	2
UV Cure Conveyor, seconds	1 - 2

Cure speed is dependent upon the UV light source, thickness of material, distance from the light, and UV transmission of substrates through which the UV light must pass to reach the adhesive.



STORAGE AND HANDLING:

All UV curable resins should be stored in a dark cool area. Store at temperatures below 30°C (86°F). Expected shelf life is one year when stored below 30°C (86°F) in the original, unopened container. Refrigerated storage extends shelf life.

CAUTION:

Read Safety Data Sheet (SDS) before using this or any other chemical.

IMPORTANT:

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