

UV Cure 60-7105

UV Curable Adhesive, Coating & Potting Compound

DESCRIPTION:

UV Cure 60-7105 is a low viscosity urethane adhesive, coating and potting compound. This UV curable resin exhibits outstanding adhesion, toughness, and exterior durability. UV Cure 60-7105 does not contain any solvents and is therefore a 100% solids system. This material is a good choice for deep section curing.

FEATURES:

- Low viscosity
- Exterior durability
- Good toughness
- Excellent Adhesion to difficult substrates

TYPICAL PROPERTIES:

Viscosity, 25°C, cps	3,000
Color	Clear
Hardness, Shore D	78
Operating temperature range, °C	-50 to +155
Specific Gravity	1.19
Tensile strength, psi	5,000
Elongation at break, %	20

ADHESION:

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

SR = Strongly recommended
R = Recommended

HR = Highly recommended
NR = Not recommended

**CURE SCHEDULE:**

UV Cure 100 Spot Cure, seconds	12
UV Cure Conveyor, seconds	10

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, HANDLING, AND SAFETY:

Store below 30°C in a dark cool area. Expected shelf life is one year when stored below 30°C in the original, unopened container. Refrigerated storage extends shelf life.

Please read Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

This product is available in 10 cc, 30 cc, and 55 cc black syringes, as well as in pints and quarts.

IMPORTANT:

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