



129-03

UV B-STAGEABLE HYBRID CURING ADHESIVE

DESCRIPTION: 129-03 is a UV B-staging, thermal final curing, flexible adhesive. This material exhibits pressure sensitive adhesive qualities upon UV exposure followed by increased adhesive strength post thermal curing. This material can be used on a variety of substrates including but not limited to polycarbonate, treated and untreated polyesters, epoxy/glass PC boards, glass, and stainless steel.

ADVANTAGES:

- ❖ High peel strength
- ❖ Fast UV B-stage
- ❖ Heat and humidity stable

PROPERTIES:

Color	Brown
Viscosity (cP)	~4,000
Peel Strength (lb./in)	3 – 5
Specific Gravity	1.08
Coverage @ 1 mil. (in ² /g)	56

SUGGESTED HANDLING & CURING: 129-03 is ready to use as received. B-stage using a 200-300 watt/inch mercury vapor lamp. Speed of B-stage will vary depending upon available energy. Typical cure time ranges from a few seconds to 1 minute when work is positioned 6-10 inches from lamp. Material should be highly tacky post UV exposure. Good final properties are exhibited when by thermally curing at 125°C for 15 minutes. 129-03 is not recommended for applications that cannot cure above 115°C.

STORAGE: Shelf Life: 1 month at 25°C in unopened container, 6 months at -10°C or below.

SAFETY and HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.