

# MagnaCryl 2804 UV Laminating Adhesive

## Product Information Sheet

MagnaCryl 2804 is a clear, UV curable lamination adhesive for bonding flexible or rigid materials such as mylar, polypropylene, polycarbonate, polyester, or PVC. It is particularly suited for applications where optical clarity is mandatory. Best results are achieved when MagnaCryl 2804 is cured through one of the substrates, However, MagnaCryl 2804 can be also be cured first before substrates are joined.

A MagnaCryl 2804 flow out evenly and cures to a strong and permanent bond. It may be applied by flat or rotary screen. Recommended mesh count ranges from 90 to 110. We recommend curing the MagnaCryl 2804 with one 300 watt lamp.

### Liquid Properties

Appearance	Hazy
Viscosity	6000 cps

### Cured Properties

Appearance	Translucent
Physical Form	Flexible Film
Loop Tack Test	8 oz.
Tensile Test	10 hours

### Directions For Use:

**Step 1.** Make sure that the surface to be coated is clean and oil free.

**Step 2.** Apply a film to surface. Film thickness depends on users needs but should not exceed 4 mils.

**Step 3.** Cure under an ultra violet lamp. Cure time depends on the power and location of the UV light source. Beacon can offer assistance over the phone based on your specific application.

**Procedure #1.** Apply the wet adhesive to the film or the desired laminate, bring them together, work out any voids or bubbles and then expose the adhesive to UV light through the clear film.

**Procedure #2.** Apply the adhesive to both sides, cure and "contact" bond by pressing the adhesive to itself. Nip roll pressure is recommended.

**Procedure #3.** Apply the adhesive to one side, cure under UV light, immediately bring the two surfaces together and through nip roll.