



MagnaCryl 2807 UV Laminating Adhesive

Product Information Sheet

MagnaCryl 2807 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 2807 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 2807 with one 300 watt lamp.

Liquid Properties

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| Appearance | Hazy |
| Viscosity | 6000 cps |

Cured Properties

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|----------------|---------------|
| 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, and immediately bring the two surfaces together and through nip roll.