



# BEACON ADHESIVES CO.

125 MacQuesten Parkway S. • Mount Vernon, NY 10550 USA

Phone 914.699.3400 • Fax 914.699.2783

david@beaconadhesives.com

[www.beaconadhesives.com](http://www.beaconadhesives.com)

## MagnaCryl 3500 UV PSA

### Product Information Sheet

#### High Strength UV Curable Pressure Sensitive Adhesive

MagnaCryl 3500 is Beacon's highest strength UV curable pressure sensitive adhesive. It is suited for applications that require highly aggressive and permanent adhesive bonds to substrates including polyester, polycarbonate, PVC, and BOPP. In addition, MagnaCryl 3500 offers excellent adhesion to various metals, and paper stocks.

Viscosity	Color	Wt/Gal	Diluant	Shelf Life
12,000 cps	Yellow	8.6	Do not Dilute	12 months

#### Processing

MagnaCryl 3500 was designed to be applied by rotary or flat screen printing equipment and cured using at least one UV light of 400 to 600 watts. It can be printed directly onto silicone release liner or a wide range of substrates in any desired pattern.

MagnaCryl 3500 will cure at speeds up to 70 feet per minute (with one UV light). Faster line speeds can be achieved by adding additional UV lights. Optimum adhesive strength is achieved with a coating weight of 25 microns. This is generally achieved with a 120 mesh screen.

#### Typical Cured Properties

(Properties described are for a 1-mil. coating cured with a 600 watt bulb. Belt speed approximately 60 fpm.)

<b>Appearance</b>	Pale yellow (clear in thin films)
<b>Peel 20 minute dwell</b>	6.0 lbs / linear inches
<b>Peel 24 hour dwell</b>	7.0 lbs / linear inches
<b>Tensile Shear (PSTC-4)</b>	10 Hours

#### Additional Information

For additional information or printed samples, please contact Beacon Adhesives. Photos and videos are available from our web site <http://www.beaconadhesives.com/>