



Technical Bulletin

Fluorescent Inks

UV Curable Screenprinting Inks

Compatibility:	Is suitable for use with the following ink series: <i>XR Imagemark, Duraflex DF, GP Renegade, and UltraBond WR</i>
Mixing:	Stir thoroughly before use. Fluorescent colors are brightest on a clean white surface and exhibit the best visual appeal when surrounded by dark contrasting colors. Fluorescents can be blended with each other to create unique fluorescent shades. Fluorescent pastels can be achieved by mixing small amounts of tinting white (3%-5%). Semi-fluorescent shades can be obtained by blending with small amounts of the CMS colors.
Mesh:	305 to 355 PW (120 - 140 cm) recommended, as finer mesh counts can filter the flattening particles, causing remaining ink to thicken and gloss to vary. Greatest color strengths, "punch", are achieved by using coarser meshes. "This is relative to ink deposit".
Squeegee:	Sharp 70 - 80 durometer polyurethane blade
Cure Parameters:	Please check appropriate series Product Data Sheet for cure recommendations. When properly cured, fluorescent cure to a uniform semi-gloss finish. Polymeric's fluorescent UV systems can be printed on a wide variety of substrates such as styrene, PVC, paper, card, vinyl banner, poly banner, synthetic materials, static cling, corrugated board and plastic. Please contact your local rep or Polymeric's customer support team to determine which product is best suited for your application.
Durability Application:	While Fluorescents provided vivid eye-catching appeal, they are only intended for short term promotion applications. Keeping in mind that the amount of ink deposited directly affects the durability of the pigments; the life expectancy of fluorescent is 30 to 60 days. Long life fluorescent are available upon request.

Please pretest this product to insure its suitability for the intended application

Effective 9/01/05

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117 East 14th Avenue • N. Kansas City, MO 64116 • 800 746 5567 • fax: 816 221 4820