



PRODUCT DATA SHEET

CRYSTAL GEL

LFP-1060

Crystal Gel Plastisol

Product Overview:

LFP-1060 Crystal Gel is a “high gloss” plastisol for printing thickly over other colors to create a raised and/or wet effect. It has the same effect as clear coating the paint on your car. Glitters are commonly added to provide sparkle on girls’ or women’s apparel.

Printing:

Use between a 60 mesh and 160 mesh screen, depending on how thick of a deposit is required. Screens stretched to a minimum of 25 newtons are recommended. If using lower tension screens, adjust off contact accordingly.

Stencil:

Use any direct emulsion or capillary film.

Curing:

Recommended cure temperature is 340-360°F (171-182°C). This temperature is required for the ink to become optically clear.

Special Effects:

Glitter is frequently sprinkled over the wet ink to give that extra special look, or mix in glitter pigments (e.g. crystallina) at 5 to 10%. Also, bright transparent pigment concentrates (see our PPRs) can be added to this clear gel base in very low concentrations (1 to 2 %) to give a colored transparent gel. Most printers just overprint over a base color to make it look like the gel is colored. This ink is also commonly used to create tone-on-tone effects by direct printing the clear ink onto the shirt. Up to 10% black may be used to create a greater tonal variance.

Cleanup:

Use any of the commercially available products for the cleanup of plastisol inks.

Environmentally Friendly:

QCM Plastisol Ink contains no leaded pigments and, when properly disposed of, has no environmental impact. Use a screen wash for plastisols for cleanup. Scrape screens carefully and store ink for reuse. Minimize unusable scrap ink by segregating ink by color. QCM PPR-901 Black pigment can be used to convert old ink into black ink for waste elimination.