



**TECHNICAL DATA
SHEET**

Hi-Gloss Gel Clear (PLFX-9040/9013) (PLFX-E9040/E9013)

Gel clear that creates thick, glossy, crystal clear prints.

Applications

- Creating a 3D wet-look
- Overprint existing colors.

Features

- Produces high gloss, crystal clear prints.
- Retains viscosity, less prone to shearing.

General Information: Hi-Gloss Gel Clear (PLFX/PLFX-E9040) is an improved, specially formulated clear for creating thick and glossy, wet-look prints. It can be applied directly on garments or over underbase, flashed colors. Finished prints made using Union's Hi-Gloss Gel Clear (PLFX/PLFX-E9040) has more gloss and better clarity compared to competitive products or Union's own PLFX/PLFX-E9013 (which is slightly less expensive). Hi-Gloss Gel Clear is crystal clear and does not shear down during the print run, but will maintain a constant viscosity from start to finish.

Mesh: 83S (32 metric) thin thread diameters will produce the best results. All mesh should be tensioned to your mesh manufacturer's tensioning guidelines.

Stencils: For best results use capillary films in the 250-400 micron range. The same techniques used in making stencils for high-density printing apply to Hi-Gloss Gel Clear. Avoid using water-resistant capillary films or emulsions, as they can react with the components used to manufacture Hi-Gloss Gel Clear and cause the ink to lock-up and clog the mesh openings.

Additives: None recommended, use Hi Gloss Gel Clear directly from the container.

Curing Instructions: Hi Gloss Gel Clear will fully cure and withstand repeated washings when the entire ink deposit reaches 320° F (160° C). Because ink is tacky when hot, do not allow garments to fall into a box unattended at the end of the dryer.

Wash-Up: Clean the screens and squeegees with mineral spirits or any screen wash designed for plastisol inks.

Caution: Always test this product for curing, adhesion, washability and other specific requirements before using in production.

PLFX/PLFX-E9040 Premium Hi-Gloss Gel Clear
PLFX/PLFX-E9013 High Gloss Gel Clear