



# PRODUCT DATA SHEET

## LFP LINE

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### LFP

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#### Product Overview:

QCMs LFP is an economical plastisol screen printing ink designed for printing on 100% cotton. LFP inks are suitable for light or dark colored cotton garments and provide excellent coverage and opacity. The printed finish is matte with a nice soft hand. When printing on light colored garments where opacity is not necessary, LFPs can be extended to provide an even more economical product.

#### Printing:

LFP inks print well through screen meshes in the range of 83-305 TPI (32-120 TPcm). Screens stretched to a minimum of 25 newtons are recommended. If using lower tension screens, adjust off contact accordingly. Use just enough squeegee pressure to deposit the ink on the surface of the shirt. This will enhance the opacity and also ensure a better cure. Try not to drive the ink into the fabric. A 70 durometer sharp squeegee is recommended.

#### Stencil:

Use any direct emulsion or capillary film.

#### Substrates:

LFP inks may be printed on 100% cotton and cotton blends. Pre-production run testing is always recommended to ensure adhesion and washability, amongst other things.

#### Modifiers:

LFP inks are ready to use. They can be extended using LFP-1001 extender base. Opacity may be affected.

#### Curing:

Cure at 325°F (162°C) over a 60-90 second period, depending on oven type and thickness of ink deposit. A thicker deposit will take longer to cure as the heat must penetrate through the entire ink layer.

#### 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.