



# PRODUCT DATA SHEET

## LFP-1002

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### Halftone Base

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#### Product Overview:

LFP-1002 Halftone Base is an economically priced clear extender that has exceptional adhesive properties. Use to either extend out your inks or add your favorite glitters and shimmers to create your own custom effects. The LFP-1002 Halftone Base cures out exceptionally clear and has very smooth printing characteristics.

#### Printing:

You may add 10%-25% to your desired ink colors to extend their life on press. For certain colors you may add up to 50%. If pigmenting your inks, add up to 30% pigment by weight. If adding flake to your ink, add up to 30% by weight as well. After mixing, the finished inks print well through screen meshes in the range of 83-385 (for inks with flakes added – consult your flake supplier for recommended mesh counts). Screens stretched to a minimum of 25 newtons are recommended. If using lower tension screens, adjust off contact accordingly. A 70 to 70/90/70 durometer sharp squeegee is recommended.

#### Stencil:

Use any direct emulsion or capillary film.

#### Additives:

None

#### Flashing:

Parameters vary between all flash units. Flash for 2-3 seconds with the ink deposit reaching 150-250°F (65-121°C). Ink should be dry and without tack.

#### 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.