



PRODUCT DATA SHEET

MTL Line

MTL

"Precious Metal" Inks

Product Overview:

MTL "Precious Metal" Inks are bright, opaque, metallic plastisol screen printing inks. Add pop to your design as either an accent or as a color replacement to jazz up an old design.

Printing:

MTL inks print well through screen meshes in the range of 83-110 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. Squeegee durometers of 60 or 70 and are recommended.

Stencil:

Use any direct emulsion or capillary film.

Substrates:

MTL inks may be printed on 100% cotton, cotton blends, acrylics and polyesters or poly/cotton blends. Pre-production run testing is always recommended to check for adhesion, washability, dye migration problems, amongst other things.

Modifiers:

MTL inks are ready to use. They can be extended using LFP-1002 base, but opacity will be affected. For printing on Nylon shell material waterproofed, use MF-66 Nylon Bonding Agent.

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.