



PRODUCT DATA SHEET

QMX

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Quick Matching System

Product Overview:

The QMX system consists of 14 total components, 12 colors, a transparent and white base. That is all that is required to mix over 1000 colors. QMX ink is very soft, smooth and exhibits excellent printing characteristics while producing a very nice printed finish. Due to its texture and printability, higher mesh counts may be used, resulting in soft hand finishes. Our formula guide also provides you with the opacity data for each color. This will tell you at a glance whether or not you need to use a base plate.

Printing:

QMX inks print easily through screen meshes in the range of 83-305 TPI (32-120 TPcm). Higher mesh counts may be used with a possible loss of opacity. 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.

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.