



PRODUCT DATA SHEET

QMX BASES

QMX-1030

Clear Base

Product Overview:

QMX-1030 Clear Base is a mixing base created specifically for wet-on-wet printing for use in the QMX Mixing System. The QMX-1030 Clear Base is an optically clear ink.

Printing:

Follow the mixing directions in the QMX formula guide. Additionally, you may add 10%-25% to your desired RFU ink colors to enhance their printability and extend their life on press. For certain colors you may add up to 50%. If you wish to add pigments to the QMX-1030 Clear Base add up to 30% pigment by weight. After mixing, the finished inks print well through screen meshes in the range of 83-385. Screens stretched to a minimum of 25 newtons are recommended. If using lower tension screens, adjust off contact accordingly. Recommend a 70 to 70/90/70 durometer sharp squeegee.

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.