



PRODUCT DATA SHEET

P-5011

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Curable Reducer

Product Overview:

P-5011 Curable Reducer is a 100% solids plastisol reducer that can be added to any plastisol product to reduce the viscosity of the ink. P-5011 curable reducer is fully curable by itself.

Printing:

QCM recommends a starting point of mixing in 2% - 5% P-5011 (by weight) to the ink you need to thin out. Depending on the ink, you may add up to 10% before affecting the inks opacity; however, it is always recommended that you do a test print to check opacity after any clear ink is added. Taut screens (25 newtons or higher) are strongly recommended. If using lower tension screens adjust off contact accordingly. Recommend a 70 durometer sharp squeegee for best deposit.

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)

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.