



PRODUCT DATA SHEET

RD-55

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Reducer #55

Product Overview:

RD-55 is a low viscosity plasticizer designed to soften your final print. It is normally used at up to 5% without losing opacity; it can be used at up to 10%. The more you use, the softer the ink will become.

Printing:

Following the directions above, add the RD-55 to your ink. Mix thoroughly for 5 minutes, either on a turnabout or with a moderate speed drill (be careful not to get the ink hot while stirring). Test your finished product for opacity and adhesion.

Warning: Do not over add. Adding too much will cause the ink to take longer to cure and may even lead to an incurable product.

Stencil:

Use any direct emulsion or capillary film.

Additives:

None

Flashing:

May change flashing parameters. Test before you put the mixed ink into production.

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.