



PRODUCT DATA SHEET

HIGHLIGHT WHITE

HW-101

Highlight White

Product Overview:

HW-101 Highlight White is designed as a last down white to increase the “pop” of a design. It can also be used as both a wet-on-wet white to help control dot gain while increasing the brightness of a design and as a base white. The smooth, creamy consistency is easy to print with on both manual and automatic presses.

Printing:

Highlight White will print well through screen meshes in the range of 83-305 TPI (32-120 TPcm). Taut 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.

Additives:

Reduce, only if necessary, using P-5011 curable reducer or WOW-1015 Softee Base. Reducing the viscosity can also reduce the opacity and coverage of the ink. Please test before production run. For printing on nylon, mix with MF-66 Nylon Bonding Agent.

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. Warning: Over flashing can cure the ink and prevent adhesion between coats of ink.

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.