PRODUCT DATA SHEET
COTTON WHITE

XOLB-108
Cotton White

Product Overview:
XOLB-108 Cotton White is designed for high volume auto printing on cotton fabrics. Cotton White is extremely opaque, with excellent matting characteristics, creating the perfect flat base plate and producing prints with outstanding coverage. This smooth, creamy consistency is easy to print with on both manual and automatic presses. The creamy consistency also allows for a very clear screen shear. Cotton White is fast flashing, allowing for shorter dwell times and faster production rates. Cotton White also works well as a highlight white or a stand-alone white.

Printing:
For best results, flood the image and print using a sharp 70 durometer squeegee. A 65-90-65 durometer squeegee may be used when a very heavy deposit is required. Cotton White will print through screen meshes in the range of 80-305 TPI (32-120 TPcm). Screens stretched to a minimum of 25 newtons are recommended. For smoothest deposit, use 160 TPI (62 TPcm) mesh or higher when necessary. Coarse meshes (60-83 TPI, 23-32 TPcm) are recommended for a thicker ink deposit. Heavy fleece may require a thicker deposit.

Stencil:
Use any direct emulsion or capillary film.

Additives:
Cotton White is a ready-to-print ink. Reduce, only if necessary, using P-5011 curable reducer. Reducing the viscosity will 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.