

Excalibur

Technologically Superior Ink



590PF SABRE (BLEED-RESISTANT) WHITE

590PF Sabre White is a completely phthalate-free, low-bleed plastisol specifically designed to prevent dye migration on cotton/poly blended fabrics including "hoodies". Sabre White's short body and creamy texture easily prints through meshes up to 230/in (92T) and provides excellent results when used as an underbase, stand-alone or highlight white.

FEATURES AND BENEFITS

- Low-bleed formulation helps fight dye migration on cotton/poly blended fabrics especially "hoodies".
- Creamy texture enables lower squeegee pressure easily covering dark backgrounds with less ink.
- Formulation does not include any "blowing agent" which results in a smooth surface that perfectly accepts overprint colors.

TECHNICAL INFORMATION

Gel Temperature: Ink will surface gel at 240° F (116° C).

Curing: Excalibur Ink will fully heat cure when the entire ink film reaches 320°F (160°C) and held at this temperature for at least 15 seconds. Thicker deposits of Sabre White will require longer dwell times to obtain this temperature.

Heat Transfers: This ink may be used to produce cold-peel transfers.

Ink Cleanup: Use Enviro Series 2000 Green or Enviro Series TR Blend.

Screen Mesh: For direct printing, a 40-230/inch (16T-72Tcm) mesh may be used.

Ink Modification: Because plastisol inks are thixotropic and can body up during storage always stir ink thoroughly prior to printing or adding reducers. If necessary 501PF Curable Reducer may be added to increase printability of ink and to help clear ink from the screen mesh. CAUTION: Adding too much 501PF Curable Reducer will reduce opacity and diminish bleed-resistance.

Squeegee: Medium Durometer (70) or Triple Durometer (90/70/90) is recommended.

Stencil: All stencil systems compatible with plastisol inks may be used to print Sabre White.

CAUTION

Always test finished prints for bleed-resistance, curing, adhesion and desired look prior to beginning full production runs. Lancer Group International cannot guarantee the results or back claims that this mixed ink will test phthalate-free if any additive other than an additive manufactured by Lancer Group International is used to modify this ink. Test results by a third-party laboratory verifying all components used to produce this ink are phthalate-free and lead-free is on file and available upon request.



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