

# Excalibur

Technologically Superior Ink



## 595PF HIGH OPACITY WHITE

595PF High Opacity White is a low-cost, high-performance white ink that can be used as an underbase, stand-alone or highlight white on 100% cotton fabrics. 595PF High Opacity White produces excellent results on both manual and automatic machines.

### FEATURES AND BENEFITS

- Easy-printing, creamy viscosity produces opaque prints through higher mesh counts.
- Lower per gallon cost increases per print profits.
- Smooth surface enhances the appearance of overprint colors.
- Completely phthalate-free and lead-free formulation complies with all standards of Consumer Product Safety Improvement Act (CPSIA) banning phthalates and heavy metals in textile-printing inks.

### TECHNICAL INFORMATION

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

**Curing:** Ink will fully heat cure when the entire ink film reaches 320°F (160°C) for at least 15 seconds.

**Heat Transfers:** 595PF may be used in printing cold peel transfers.

**Mesh:** For direct printing an 86-305/inch (32T-122Tcm) may be used. For printing heat transfers an 86-125/inch (32T-50T cm) provides excellent results.

**Stencil:** Any stencil compatible with plastisol inks may be used.

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

**Squeegee:** 70 durometer or 70/90/70 triple durometer blades are recommended.

**Printing Techniques:** A print/flash/print technique may be necessary to produced desired results on dark garments.

**Clean-up:** Use Enviro Series 2000 Green or Enviro Series TR Blend.

### CAUTION

Always test finished prints for 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 are available upon request.



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