

Excalibur

Technologically Superior Ink



596PF MIRACLE WHITE & 596PF MIRACLE GOLD

Miracle White and Miracle Gold are Excalibur's answer when ultimate bleed resistance is necessary printing troublesome 100% polyester dark fabrics that are known to cause dye migration. Its creamy viscosity prints easily on both manual and automatic machines leaving an ultra-smooth surface and contains no bleaches.

FEATURES AND BENEFITS

- Low-bleed, high-opacity formula easily covers dark backgrounds and fights dye migration on the nastiest of 100% polyester dark garments.
- Easy-printing viscosity makes Miracle White and Miracle Gold an excellent choice for manual machines.
- Contains no bleaching agents that will react with dye in garment.
- 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 gel on surface at 240° F (116° C).

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

Heat Transfers: Miracle White and Miracle Gold may be used in printing cold peel transfers.

Mesh: For direct printing a 40-110/inch (16T-43Tcm) may be used. For printing heat transfers an 80-125/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 reduce bleed resistance.

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

Printing Technique: A print/blast print technique may be necessary to produce desired results.

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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