

Excalibur

Technologically Superior Ink



579PF HIGH-OPACITY BRIGHT WHITE

579PF High-Opacity Bright White is formulated for use on automatic presses where a higher viscosity white is necessary for better coverage and more opaque, bright white prints. 579PF can be used as an underbase, stand-alone or highlight white on 100% cotton garments. While it does contain marginal bleed-resistance 579PF is not meant to be printed on 50/50 poly/cotton blended garments without first testing for dye migration.

FEATURES AND BENEFITS

- Higher viscosity for increased coverage to produce higher-opacity prints.
- Optical brightener gives finished print a bright, white appearance.
- 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: 579PF 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 90/70/90 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



Lancer Group International
Head Office
311 Saulteaux Crescent
Winnipeg, MB, Canada
R3J 3C7
Tel: 1-204-885-7792
Fax: 1-204-831-0426
Email: lgsales@lancergroup.com

Excalibur Inks Americas
PO Box 344
Holly Springs, GA 30142
Tel: 1-404-590-2021
Skype Name jeffproctor
jeff.proctor@comcast.net

Lancer Group Far East Ltd.
Rm 35, 11/FI., 19~21 Shing Yip St.
Shing Yip Industrial Bldg.
Kwun Tong, Kowloon
HONG KONG
Tel: (852) 2341 7986
Fax: (852) 2790 9532
Mobile: (852) 9687 8840

For more information about this product, please visit us online at www.lancergroup.com or send us an email to lgsales@lancergroup.com