

Excalibur

Technologically Superior Ink



600SS FOUR COLOR PROCESS TRANSFER SERIES

Produce both intense and high-resolution four-color process transfers with the 600SS Super Strength Four Color Process Series of Transfer Inks. When printed after the 905PF or 908PF first down clears, or when backed with the appropriate 878PF Puff Transfer Backer or 888PF Stretchback Transfer Adhesive, the 600SS Series produces bright and durable four-color process images on white, light and dark colored 100% cotton backgrounds.

FEATURES AND BENEFITS

- Increased pigment load guarantees bright, intense colours in four color process transfers.
- High-opacity designs on dark backgrounds can be achieved utilizing the appropriate transfer backer.
- Produce 3D effects by backing four color process transfers with 878PF Transfer Puff Backer.
- 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

Transfer Paper: Coated heat transfer papers can be used such as Ultrastrip 3000, Tullis Russel or Transal. If utilizing the cold-peel method T-75 cold-peel paper is recommended for best results.

Gel Temperature: Gelling will occur when ink film reaches 240°F (116° C).

Mesh: For best results print the 600SS Series through meshes ranging between 230-350/inch (92-140T cm).

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

Modification: None recommended. If absolutely necessary up to 5% 902 PF Viscosity Reducer may be added to lower viscosity and help in clear image area of stencil.

Squeegee: 70-80 durometer squeegee blades are recommended for best results.

Transferring to Garment: Hot-peel transfers: Transfer at 375°F-400°F (191°C-204°C) for 6 to 12 seconds at medium pressure. Cold-peel transfers: Transfer at 350°F (176° C) for 10-15 seconds.

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

PRINTING TECHNIQUES

Hot-Peel Method: Pre-shrink paper prior to printing. Using the appropriate paper, print 905PF or 908PF Clear using 110-230/inch (44-110T cm) mesh, 70 durometer squeegee and gel. Next, print the 600SS process colours individually beginning with darkest color and ending with lightest colour. Gel between colours. For opacity and increased stretch on light and dark fabrics, back the entire design with 878SS Puff Transfer Backer for a 3D effect, or 888 Stretchback Adhesive for a flat, high-opacity appearance. It will not be necessary to back designs that are being transferred to white fabrics.

Cold-Peel Method: Pre-shrink T-75 paper and print 600SS Series inks in same order as hot-peel method again gelling between colours. For cold-peel transfers it will be necessary to back complete design with 905PF or 908PF Clear if transferring to dark fabrics or back with 555 Litho White if transferring to dark backgrounds..

PRODUCT RANGE

505PF Base, 600SS Yellow, 600SS Cyan, 600SS Blue, 600SS Magenta, 600SS Red, 600SS Black.

CAUTION

Always test finished prints for curing, opacity, adhesion and desired effect 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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