



## PERFORMANCE PLUS SERIES

Excalibur's Performance Plus is a new, state of the art, low-cure series of plastisol inks formulated for decorating today's specialized performance-wear fabrics. Performance Plus's low-cure temperature of 270° Fahrenheit (132°C) make it an excellent choice when trying to prevent shrinkage and scorching of heat-sensitive, synthetic fabrics. Performance Plus's creamy, easy-printing consistency, opacity and smooth soft surface in finished prints also makes it an excellent, all-around choice for 100% cotton and 50/50 poly/cotton blends.

When printing any fabric prone to dye migration use Performance Plus 1082 Low-Bleed White. Fabrics known for bad dye migration or sub-dyed fabrics should be underbased with Excalibur's reformulated Defender Dye Blockers to help withstand dye migration. A print/flash/print technique may be necessary to achieve desired results.

Performance Plus is available in two whites, 23 ready-for-use colours and a Defender Black Dye Blocker for underbasing sub-dye polyesters or any nasty polyester prone to dye migration.









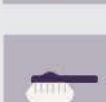
## COLOURS

Transparent Mixing Base (1004), Opaque Mixing Base (1050), PP White (1081WH), PP LB White (1082), PP Aqua (1033AQ), PP Blazer Gold (1033BG), PP Bright Royal Blue (1033BR), PP Bright Scarlet Red (1033BRS), PP Burnt Orange (1033BO), PP Cardinal Red (1033CR), PP Chrome Green (1033CG), PP Collegiate Golden Yellow (1033CGY), PP Columbia Blue (1033CB), PP Dark Brown (1033DB), PP Deep Purple (1033DP), PP Gold (1033GO), PP Grey (1033GR), PP Kelly Green (1033KG), PP Lemon Yellow (1033LY), PP Light Orange (1033LO), PP Maroon (1033MA), PP Michigan Yellow (1033MY), PP Navy Blue (1033NA), PP Orange (1033OR), PP Royal Blue (1033RB), PP Scarlet Red (1033SR), PP Texas Orange (1033TO), PP Vegas Gold (1033VG), Defender Grey Dye Blocker (1596PF) and Defender Black Dye Blocker (1597PF).

## CAUTION

Always test finished prints for curing, adhesion, stretch 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.

## TECHNICAL DATA

-  **IDEAL FABRIC**  
100% Cotton, 50/50 poly/cotton blends, 100% Polyester with 1082 LB White, and, or Defender Dye Blocker\*
-  **MESH**  
83-230/inch (32T-92Tcm)
-  **SQUEEGEE**  
70/90/70 Triple Durometer  
70 Single Durometer
-  **STENCIL**  
Any emulsion compatible with plastisol inks.
-  **CURING**  
Gel Temperature 190° F (90°C)  
Full Cure 270°-280° F (132°C-138°C)
-  **PIGMENT LOADING**  
10-15% in 1004PF Base  
N/A in finished colours.
-  **ADDITIVES**  
1002 Viscosity Reducer.  
3% maximum by wight.
-  **STORAGE**  
60°-90° F (15°-32° C) with lids closed tightly.
-  **CLEANING**  
Enviro Series 2000 Green or Enviro Series TR Blend.



## LANCER GROUP INTERNATIONAL

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Visit our website at [www.lancergroup.com](http://www.lancergroup.com)