

## 500 Series

Excalibur's 500 Series Phthalate free plastisol ink is the printer's choice for high-production, wet-on-wet direct printing on 100% cotton light colours or, on top of a flashed white underbase. 500PF is available in a wide range of colours all formulated to minimize build-up on the backs of screens. One of Excalibur's most versatile inks 504 Base can be mixed with Excalibur Pigment Concentrates using formulas in the PCPro® Color Mixing System to create Pantone®, custom or standard 500 Series colours. The 500PF Series can also be used for producing cold-peel transfers as well as being the ink series most widely used with Excalibur's Suede or Puff additives to transform 500PF Series colours into special effects inks.

## COLOURS

Transparent Mixing Base (504PF), Aqua (500PFAQ), Black (500PFBK), Matte Black (500PFMBK), Bright Orange (500PFBO), Orange (500PFOR), Bright Royal (500PFBR), Bright Scarlet (500PFBS), Bright Red (500PFBRE), Super Red (500PFSR), Candy Red (500PFCR), Crimson Red (500PFCRM), Dark Brown (500PFDB), Sienna Brown (500PFSB), Forest Green (500PFFG), Flesh (500PFFL), Kelly Green (500PFKG), Bright Dallas Green (500PFBG), Fresh Green (500PFFRG), Lemon Yellow (500PFLY), True Yellow (500PFTY), Navy Blue (500PFNB), Old Gold (500PFOG) Light Gold (500PFLG), Gold (500PFGO), Purple (500PFP), Violet (500PFVI), Fuschia (500PFFU), Reflex Blue (500PFREB), Royal Blue (500PFRB), Rhodamine Red (500PFRH), Rubine Red (500PFRU), Scarlet Red (500PFSC), Silver Grey (500PFSG), Steel Grey (500PFSTG), True Blue (500PFTB), Bright Blue (500PFBB), Light Blue (500PFLB), Warm Red (500PFWR), Pantone Reflex Blue C (500PFPREB), Pantone Rhodamine Red C (500PFPRH), Pantone Rubine C (500PFPRU), Fluorescent Blue (500PFFLB), Fluorescent Green (500PFFLG), Fluorescent Magenta (500PFFLM), Fluorescent Orange (500PFFLO), Fluorescent Pink (500PFFLP), Fluorescent Red (500PFLR), Fluorescent Violet (500PFFLV), Fluorescent Yellow (500PFFLY).

## 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.

## TECHNICAL DATA



### IDEAL FABRIC

100% Cotton  
Other fabrics with appropriate Underbase White



### MESH

110-305/inch (43T-122Tcm)



### SQUEEGEE

70/90/70 Triple Durometer  
70 Single Durometer



### STENCIL

Any emulsion compatible with plastisol inks.



### CURING

Gel Temperature 240° F (116° C)  
Full Cure 320° F (160° C)



### PIGMENT LOADING

10-15% in 504PF Base  
N/A in finished colours.



### ADDITIVES

501PF Curable Reducer  
502PF Viscosity Reducer 3% maximum.  
507PF Soft Hand Additive



### STORAGE

60°-90° F (15°-32° C) with lids closed tightly.



### CLEANING

Enviro Series 2000 Green or Enviro Series TR Blend.



**LANCER GROUP INTERNATIONAL**

Contact us : 1 - 800 - 665 - 4875 / [lgsales@lancergroup.com](mailto:lgsales@lancergroup.com)

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