



551PF ColorPRO® SERIES PANTONE® MIXING SYSTEM

Excalibur's 551PF ColorPRO® Series is a high-opacity, colour-mixing system that produces simulated Pantone colours, standard 500PF colours, 533PF colours, 550PF colours and custom colours.

The system consists of two bases, 11 ready-for-use colours and five additional components called Booster Colours. Booster Colours are very intense shades of Yellow, Red, Blue and Green that when added in increments between 5%-40% will increase the brightness and color accuracy of specific colours. Most generally the colors in the 551PF mixing formulas that need boosting are colours that can be found in the three colours located in the center of each page of the Pantone® "C" Formula Guide. Colours made with this mixing system can also be used in the production of cold-peel transfers.

504PF Transparent Mixing Base and 550PF High Opacity mixing base can be utilized to adjust, create Pantone®, custom or standard 500PF, 533PF and 550PF Series colours using Excalibur Pigment Concentrates in the PCPro Colour Mixing System.

COMPONENTS

Transparent Mixing Base (504PF), ColorPRO® High Opacity Base (551PF), ColorPRO® White (551PFWH), ColorPRO® Black (551PFBK), ColorPRO® Yellow GS (551PFYGS), ColorPRO® Yellow RS (551PFYRS), ColorPRO® Red YS (551PFRYS), ColorPRO® Red BS (551PFRBS), ColorPRO® Blue GS (551PFBGS), ColorPRO® Blue RS (551PFBRS), ColorPRO® Flo Magenta (551PFma), ColorPRO® Violet (551PFVI), ColorPRO® Green BS (551PFGR), ColorPRO® Booster Blue (551PFBB), ColorPRO® Booster Green (551PFBG), ColorPRO® Booster Red BS (551PFBRS), ColorPRO® Booster Red YS (551PFBRY), ColorPRO® Booster Yellow (551PFBY).

CAUTION

Always test finished prints for curing, adhesion, stretch, colour accuracy 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.
Poly/Cotton and 100% polyester fabrics with appropriate Underbase White.



MESH

110-305/inch (43T-120Tcm)



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% by weight in 504PF Base
10-15% by weight in 550PF



VISCOSITY REDUCERS

501PF Curable Reducer
502PF Viscosity Reducer 3% maximum



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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