

400FF SERIES – HIGH STRETCH (HS)

Excalibur's 400FF Series Phthalate free plastisol inks contain 12 standard colours and one mixing base. This specialty plastisol offers printers a high-opacity, high-elongation ink that cures at a much lower temperature than traditional plastisol inks. It is an excellent choice for direct printing on heat-sensitive fabrics that are prone to scorching or shrinking. 400FF HS Base can be mixed with Excalibur PC Pro Pigment Concentrates using formulas in the PCPro Color Mixing System to create Pantone®, custom or standard 400 Series colours. The 400 Series can also be used in the production of cold-peel transfers.

COLOURS

HS High Stretch Mixing Base (400FF), HS White (400FFWH), HS Black (400FFBK), HS Bright Blue (400FFBB), HS Bright Green (400FFBG), HS Bright Red (400FFBR), HS Lemon Yellow (400FFLY), HS Violet (400FFVI), HS Orange (400FFOR), HS Bright Royal Blue (400FFBRB), HS Bright Scarlet (400FFBS), HS Light Gold (400FFLG), HS Gold (400FFGO) and HS Light Blue (400FFLB).

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

TECHNICAL DATA



IDEAL FABRIC

100% Cotton.
Poly/Cotton and 100% polyester fabrics with appropriate Underbase White



MESH

110-230/inch (43T-92Tcm)



SQUEEGEE

70/90/70 Triple Durometer
70 Single Durometer



STENCIL

Any emulsion compatible with plastisol inks.



CURING

Gel Temperature 220° F (105° C)
Full Cure 285° F (140 C)°



PIGMENT LOADING

N/A.



VISCOSITY REDUCERS

1501PF Curable Reducer
1502PF 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.



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