

PI Series Poster Ink

For general purpose indoor or outdoor poster or POP applications, PI Series Flat Poster Inks remain unmatched for opacity and color integrity. May be air dried or jet dried. For short term and chain store jobs where cost is critical, PI Series is unmatched for extendability (up to 50%),. Now also available in gloss and satin. Also Economy Series (ECO).

SERIES COLORS

Standard Flat Colors

Primrose Yellow*	PI-1LF
Lemon Yellow*	PI-2LF
Medium Yellow*	PI-3LF
Orange*	PI-4LF
Brown*	PI-7
Mandarin Red*	PI-9LF
Fire Red*	PI-10LF
Magenta*	PI-11
Brilliant Blue*	PI-12
Ultra Blue*	PI-13
Dark Blue*	PI-14
Black*	PI-15
White*	PI-16
Perma Green*	PI-18LF
Peacock Blue*	PI-19
Gold Metallic*	PI-21
Emerald Green*	PI-22LF
Silver Metallic*	PI-24
Burnt Umber*	PI-26
Ochre*	PI-28
Purple*	PI-50

Flourescent Colors

Blaze Orange*	PI-60
Aurora Pink*	PI-61
Rocket Red*	PI-62
Signal Green*	PI-63
Arc Yellow*	PI-64
Fire Orange*	PI-65
Neon Red*	PI-66
Corona Magenta*	PI-67
Horizon Blue*	PI-68
Saturn Yellow*	PI-69

MODIFIERS

Screening Thinner	PI-30
Retarder	PI-41
Heavy Base*	PI-25
Light Base*	PI-30
Clear Overprint*	PI-31A

*Heavy Metal compliant.

SUBSTRATES:

Coated and uncoated paper stocks, cardboard, paperboard.

ALWAYS TEST INK WITH SUBSTRATE PRIOR TO PRODUCTION!

DRYING:

PI inks dry through solvent evaporation. Fresh air volume is more of a factor in dry time than temperature.

Force Dry: for high volume air dryer (3000-5000CFM, equipped with air knives) at 100-120 °F: about 1 minute.

Air Dry: 15-45 minutes depending on air circulation and temperature. Thorough drying (driving all solvents out of the printed film) is critical. Inks may otherwise post heat when stock is stacked.

STENCILS:

Direct method emulsions, capillary films.

SCREEN MESH:

140 to 250 polyester monofilament or 8xx to 20xx multifilament.

SQUEEGEE:

All types, 60 to 80 durometer.

MODIFIERS:

REDUCER: use PI-40 or mineral spirits to achieve desired viscosity.

RETARDER: use PI-41 or solvent 150 to slow in-screen drying.

EXTENDER: PI Series can be "based down" up to 50% without losing color integrity. Use PI-25 Heavy Base or PI-32 Light Base.

COVERAGE: Approximately 1200 Sq. Ft./Gallon

Color names are Trademarks of DayGlo Color Corporation.

Note: Information contained in Cudner & O'Connor printed matter is based on laboratory and field tests. Because we cannot control actual production conditions, no warranty is expressed or implied. Careful testing is always recommended prior to production. Consult with Cudner & O'Connor Technical Services Department on all application issues. For additional information, please visit our website at www.candocinks.com

CANDOC[®]
SCREEN PRINTING INKS

QT-PI Rev C

CUDNER & O'CONNOR COMPANY
4035 West Kinzie Street, Chicago, IL 60624
Phone: 773/826-0200 Fax: 773/826-0477
website: www.candocinks.com