

Non-Phthalate/PVC Plastisol Inks (LC PIM Inks)

Low Cure Matching System

General Info:

The LC Series is WM's most versatile series on the market, enabling printers to print on the most difficult substrates. Not only does this system hold up to the worst bleeders, but at the lower cure temps it could save a shop a ton of money in reduced energy costs.

Applications

-Direct printing
-White or colored garments
-100% Cotton garments
-Cotton/Polyester, Acrylic,
Polyester, Polypropylene
Spandex and stretchable substrates

Features

-Superb Bleed Resistance
-No Ghosting
-Great Stretchability
-Easy to print viscosity
-Great replacement for silicone inks
-Flat, smooth finish for multi-color printing

Bleed Resistance: Excellent

Opacity: High

Storage: Ideally 65° to 90°F. Keep out of direct sunlight.

Mesh: 61-230

Stencil: Any direct emulsion or capillary film.

Wet on Wet Printing: Can be printed wet-on-wet to increase production.

Modifications: Modifications are not recommended unless completely necessary. To reduce viscosity use Curable Reducer (I10-9906), improve stretch use G&S Base (I10-1020) & puff use Puff Additive (I10-9903). ANY modification will effect Low Cure properties.

Squeegee Hardness & Angle: Medium to hard at a 45 degree angle.

Flashing: 700°F for 3-5 seconds, just enough for the surface to be tack free.

Squeegee Blade: Sharp.

Fusion/Curing: 230°F/121° C for 1 ½ - 2½ minutes. 325°F/163° C for 1 to 1 ½ minutes.

Wash-up: Any plastisol cleaner.

Special Notes: PVC inks are thermoplastic compounds that require heat to fuse or cure. If ink rubs off on a white cloth or cracks, temperature and/or dwell time should be increased. Do not dry clean and always test on fabric to be printed.

Standard Colors:

(Refer to Standard Color-card for color reference)

I-30-3100	LC PIM Lemon Yellow	I-30-7100	LC PIM Orange
I-30-4100	LC PIM Green (YS)	I-30-9100	LC PIM White
I-30-5200	LC PIM Marine	I-30-8100	LC PIM Fls Pink
I-30-6200	LC PIM Red	I-30-6300	LC PIM Magenta
I-30-6100	LC PIM Scarlet	I-30-8200	LC PIM Fls Magenta
I-30-3200	LC PIM Gold	I-30-8300	LC PIM Fls Yellow
I-30-5100	LC PIM Blue (G/S)	I-30-8400	LC PIM Fls Purple
I-30-5300	LC PIM Violet	I-30-8500	LC PIM Fls Blue
I-30-2100	LC PIM Black	I-30-8600	LC PIM Fls Orange Red
I-30-1100	LC Clear Base		