

# Non-Phthalate Plastisol Inks (Midori Series)

All Purpose (AP)



## Applications

- Direct printing
- White or light colored garments
- 100% Cotton garments
- Cotton/Polyester, Acrylic & Polyester garments (with LB underlay)

## Features

- Low build-up
- Easily releases from the screen
- Very soft hand

## General Info:

All Purpose (AP) inks are formulated to be directly printed onto white or light colored, 100% cotton garments. AP inks can also be used on dark colored garments if an underlay is used; this is the suggested method for dark colored shirts to achieve a soft hand.

**Bleed Resistance:** None

**Opacity:** Low to Medium

**Storage:** Ideally 65° to 80°F. Keep out of direct sunlight.

**Mesh:** 110-305 (43 to 120 threads per cm)

**Stencil:** Any direct emulsion or capillary film.

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

**Modifications:** To reduce viscosity use Curable Reducer (I10-9906), improve stretch use G&S Base (I10-1020), puff use Puff Additive (I10-9903), extend color use Soft-hand Base (I10-0111) & for suede puff or dulling use Suede Additive (I10-9907).

**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:** 270°F/132°C to 325°F/163°C for 1 to 1 ½ minutes. Oven temperature can be increased and dwell time decreased. For heat presses use 390°F/195°C for 8 seconds. To reduce crocking on reds, they should be cured at higher temp or a clear printed as a top coat to seal the red.

**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)

JB-3125-AP	Dallas Gold	JR-5332-AP	Lt Navy
JB-3135-AP	Primrose	JN-5001-AP	Royal
JB-3122-AP	Lemon	JB-5013-AP	Marine Blue
JB-3209-AP	Yellow Gold	JW-5273-AP	Lt Royal
JB-3303-AP	Gold	JB-5042-AP	Brite Royal
JB-7109-AP	Brite Orange	JB-5104-AP	Lt Reflex Blue
JB-6056-AP	Brite Red	JB-5048-AP	Sky Blue
JB-6420-AP	Scarlet	JB-5120-AP	Lt Blue
JB-6247-AP	Cardinal	JB-5040-AP	Turquoise
JB-6251-AP	Maroon	JB-4030-AP	Dallas Green
JB-5525-AP	Violet	JB-4053-AP	Kelly Green
JW-5666-AP	Russ Purple	JB-4238-AP	Forrest Green
JB-5011-AP	Navy		