

## Non-Phthalate Plastisol Inks (Midori Series)

Low Bleed (LB)/Poly



### Applications

- Direct printing
- Medium to dark colored garments
- Cotton/polyester, 100% polyester & Nylon garments

### Features

- Great body
- Made with non-migrating pigments
- Maintains viscosity during runs
- High opacity for great coverage

### General Info:

Low Bleed (LB) inks are formulated to be directly printed onto medium to dark colored, cotton/polyester blends, 100% polyester & nylon garments. These inks provide great coverage and have a creamy body unlike most bleed resistant inks, therefore making the ease of printing more simple. Please note that tightly woven nylon garments will require a nylon additive for adhesion.

**Bleed Resistance:** Great

**Opacity:** High

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

**Mesh:** 86-180

**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 9 seconds, just enough so the surface is 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. WM Poly inks will appear to be thick in the container but will loosen up and become easier to print when the pallets are hot and the ink has been worked with the squeegee.

### Standard Colors:

(Refer to Standard Color-card for color reference)

I-10-3014	Poly Primrose	JW-3040-LB	Poly Vegas Gold
I-10-3002	Poly Lemon	JB-2250-LB	Poly PMS Cool Gray 4C
I-10-3006	Poly Yellow Gold	JR-5332-LB	Poly Lt Navy
I-10-3001	Poly Lt Gold	JN-5001-LB	Poly Royal Blue
I-10-3372	Poly Gold	JW-5666-LB	Poly Russ Purple
I-10-9592	Poly Gray Underlay	JB-6247-LB	Poly Cardinal
I-11-6438	Poly Scarlet	JB-6251-LB	Poly Maroon
JB-6056-LB	Poly Brite Red	JB-2050-LB	Poly Lt Brown
JB-5048-LB	Poly Sky Blue	JB-7109-LB	Poly Brite Orange
JB-4053-LB	Poly Kelly Green		