

No-Tox[®] MEDICAL DEVICE VINYL INKS

(PAD OR SCREEN PRINTING)

NT16
(12/09)

- Printing Method:** Either pad or screen printing depending on diluents and diluted viscosity.
- Suggested Uses:** Specifically designed for medical device items such as catheters, tubing, pipettes, solution bags and similar items made from vinyl (PVC), polystyrene, ABS, polyurethane, acrylics and polycarbonates (Lexan[®]).
- Specific Characteristics:** A one-part air dry (heat assist) system exhibiting excellent adhesion and scuff resistance when applied to the aforementioned substrates. Generally unaffected by alcohols, and EtO, steam or gamma sterilization.
- Equipment Requirements:** *Pad Print:* Compatible with all types of pad print equipment provided pads are elastomeric materials resistant to ketone and ester solvents.
Screen Print: Screens and squeegees should be made from ketone and ester solvent resistant materials.
- Additives and Diluents*:** Normally supplied at higher than “press-ready” viscosities to allow for diluent and drying rate adjustments at press-side to accommodate specific running speeds or other requirements.
- Recommended Solvents:** The following solvents and blends are intended only as a guide. Other diluents and/or ratios may be better suited for your specific application. For additional assistance, contact our Technical Services Department.
- Normal: 100% Ethyl Lactate
- Fast: 100% Methyl Isobutyl Ketone
- Slow: 100% Butyl Carbitol[®] (Butoxy Diethylene Glycol)
- Wash up:** Ketones such as methyl isobutyl ketone or methyl isoamyl ketone.
- Color Availability:** Black, blue, red, yellow and white. Other colors are available subject to minimum order quantities.
- Shelf Life:** Minimum one year in unopened containers.
- FDA Acceptability*:** All components used in No-Tox inks are sanctioned by the FDA and USDA as acceptable for direct food contact. All medical device inks can be submitted to the FDA for inclusion in Colorcon No-Tox Products’ Drug Master File #17155 and are manufactured under strict cGMP guidelines in our dedicated facility.

*Note: FDA acceptability is based on the ink as supplied. Therefore, no materials should be added other than those indicated in this bulletin unless specifically recommended by Colorcon.