

No-Tox[®] MEDICAL DEVICE WATER-BASED INKS

(PAD OR SCREEN PRINTING, OFFSET-GRAVURE)

NT35
(12/14)

- Product Type:** Water-reducible, specially modified, acrylic polymer system.
- Printing Method:** Pad Printing, Screen Printing and Offset-Gravure.
- General Description:** One-part, air-dry or heat-assist curing ink systems exhibiting excellent printability and adhesion to uncoated/coated papers, Tyvek, (DuPont, USA) corona treated polyethylene and polypropylene, styrene, aluminum foil and other porous and non-porous substrates.
- Note:** Formulated as an environmentally-safer alternative to solvent-based inks.
- Suggested Uses:** Specifically designed for medical device items such as catheters, syringe barrels, solution bags, pipettes and medical grade tubing. Exhibits good resistance to ethylene oxide (EtO) and gamma radiation sterilization.
- Equipment Requirements:** Compatible with all state-of-the-art printing equipment. Metal, natural rubber, photopolymer or silicone rubber plates, pads and/or squeegees are unaffected by these inks. Nylon screens are also acceptable for screen printing.
- Additives and Diluents*:** Normally supplied at higher than “press-ready” viscosities to allow for diluent and drying adjustment flexibility at press-side. Press-ready inks can be supplied at your request.
- Recommended Solvents:** The following materials and blends are intended only as a guide. Other diluents and/or ratios may be better suited for your specific application. Since water-based systems are sensitive to diluent shock, never add alcohol alone. Blend alcohol with water first and add slowly under agitation. Our Technical Service department can provide technical assistance.
- Normal: 100% Water
- Fast: 80% Water
20% Ethyl or Isopropyl Alcohol
- Slow: 100% Propylene Glycol
- Shelf Life:** Minimum of one year in unopened containers.
- Color Availability:** White, black, red, yellow, and blue. Matched colors may be available subject to minimum order quantities.
- 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 other materials should be added, other than those indicated in this technical data sheet, unless specifically recommended by Colorcon.

For more information, contact your Colorcon representative or call 1-800-724-0624
You can also visit our website at <http://www.colorcon.com/notox>

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