

No-Tox[®] MEDICAL DEVICE POLYOLEFIN INK

(OFFSET GRAVURE)

*NT13MDI**(12/09)*

- Product Type:** Specially modified rosin ester.
- Printing Method:** Offset Gravure.
- Specific Characteristics:** These inks exhibit excellent printability and adhesion to untreated polyolefin medical device items. They meet stringent rub and scuff resistance requirements are extremely low in lead and other heavy metals content; are unaffected by isopropyl alcohol; and resist steam, ethylene oxide and gamma sterilization.
- Suggested Uses:** Specifically designed for use with state-of-the-art offset gravure equipment used to print polyolefins for such uses as catheters, syringe barrels, pipettes, and medical grade tubing.
- Plates, Rolls & Offset Rolls:** Standard chrome plated gravure plates. “Offset” pads or rollers coming in contact with the ink should be silicone elastomers or other suitable materials unaffected by hydrocarbon (aliphatic and aromatic), ester and glycol ether solvents
- Additives and Diluents*:** Inks can be supplied press-ready or at higher than press ready viscosities to allow for diluent and drying rate adjustments at press side. Due to the critical nature of the diluents required, our Technical Services Department should be contacted for recommended solvent blends for specific applications. Clean-up is accomplished using glycol ethers such as propylene glycol N-butyl ether (1-butoxy 2-propanol) or Butyl Carbitol[®] (butoxy diethylene glycol).
- Color Availability:** Black, blue, red, yellow and white. Other colors can be matched, subject to minimum order requirements.
- Shelf Life:** Minimum one year in unopened containers.
- Stability:** Press stability is excellent. Down-times of up to two hours result in no loss of product on restart. Remove ink and clean press if longer down times are anticipated.
- 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 or diluted as indicated in this bulletin. No other materials should be added unless specifically recommended by Colorcon.