

No-Tox[®] HEAT-RESISTANT POLYOLEFIN INKS
(FLEXOGRAPHIC/GRAVURE)

NT20
(12/09)

- Product Type:** Specially modified co-solvent polyamide.
- Printing Method:** Flexography or Gravure.
- Suggested Uses:** Designed to provide heat resistance when printed in the heat seal area of corona treated polyolefin films. Resists softening or smudging at heat sealing temperatures and pressures normally used to seal polyolefin films (low, medium and high density polyethylenes and polypropylenes). Can also be used on TYVEK[®] polyesters, nylon, Saran[®] (PVDC), some cellophanes and most paper stocks.
- Plates and Rollers:** Natural rubber and photopolymer plates and rollers.
- Additives and Diluents*:** Normally supplied at higher than “press-ready” viscosities to allow for diluent and drying rate adjustment flexibility at press-side.
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| Recommended Solvents: | <u>For Flexography</u> | <u>For Rotogravure</u> |
| | Normal: | Normal: |
| | 75% Normal Propyl Alcohol
25% Ethyl Acetate | 75% Normal Propyl Alcohol
25% Ethyl Acetate |
| | Fast: | Fast: |
| | 65% Normal Propyl Alcohol
35% Ethyl Acetate | 50% Normal Propyl Alcohol
50% Ethyl Acetate |
| | Slow | Slow: |
| | 70% Normal Propyl Alcohol
30% Normal Propyl Acetate | 75% Normal Propyl Alcohol
25% Normal Propyl Acetate |
- Note:** Due to the limited compatibility of the polymers used in this system, use only the solvent blends recommended above. Avoid the use of other alcohols or glycol-ethers.
- Color Availability:** 14 standard colors including process colors. Specific matches available upon request
- Shelf Life:** Minimum one year in unopened containers.
- Caution:** Storage at low temperatures (45°F or lower) may cause gelling. Gelling can usually be reversed by allowing the ink to come to room temperature and stirring with a high-shear mixer.
- FDA Acceptability*:** All components used in No-Tox inks are sanctioned by the FDA and USDA as acceptable for direct food contact.

*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.