

FLEXICRAFT® TF
(NARROW WEB)FT05
(12/09)

- Product Type:** Water reducible modified acrylic polymers.
- General Description:** Flexicraft TF is a high gloss, water reducible flexographic ink.
- Suggested Uses:** Suitable for use on coated and uncoated paper substrates as well as Tyvek®. To be used on presses with or without powered ink rollers when press is on idle. Typical uses are on labels and on medical packaging materials.
- Plates and Rollers:** All natural and synthetic rubber plates and rollers including Cyrel® and other photopolymer plates.
- Additives and Diluents:** Normally supplied at higher than press ready viscosities to allow for diluent and drying rate adjustment flexibility at press-side.
- 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 Service Department.
- | | |
|---------|--|
| Normal: | 100% Water |
| Fast: | 80% Water
20% Ethyl or Isopropyl Alcohol |
| Slow: | 80% Water
20% Propylene Glycol.
Add additional propylene glycol as needed. |
- Color Availability:** A full range of colors, including PANTONE®* shades.
- Shelf Life:** Minimum one year in unopened containers.

*PANTONE, Inc.'s check standard trademark for color reproduction and color reproduction materials.

RULES FOR REDUCING AGENTS

*Water based systems are more sensitive to diluent shock than solvent systems.
Therefore all diluents should be added slowly under agitation.*

- 1) *Water* - Should be room temperature. Do not exceed 20% water by volume for best results.
- 2) *Alcohol* - Use only Ethyl, Isopropyl or n-Propyl Alcohol. Alcohols accelerate drying speed. Do not exceed 15% by volume. Alcohol should be mixed with water prior to addition to the ink.
- 3) *Glycol Ether* - Types such as PM and DPM can be used. Glycol Ethers retard drying. Do not exceed 5% by volume as they can cause an increase in viscosity.
- 4) *Clear Extender* - Used to reduce color strength without a significant change in viscosity, runability or gloss.
- 5) *Plate Retarder/Tack Reducer* - Used to reduce plate build up, ink tack and paper curl. For wide-web central impression presses and presses without plate throw off, an addition of 3-5% will keep plates from sticking to paper when jogging or after stopping. Additions of 4-7% will eliminate paper curl.
- 6) *Defoamer* - Should be cut seven parts isopropyl alcohol to one part defoamer and used in a spray bottle. To be used only if foaming affects printing or pumping. Spray very sparingly across the ink surface to allow air bubbles to escape. Do not exceed 1% by volume. Excessive amounts of a defoamer can cause "fish-eyes".
- 7) *Press Washup* - Remove ink to a separate container. Immediately rinse all components with warm water until clean. To prevent rust or corrosion on exposed metal surfaces use an Anilox type cleaner or a solvent with no greasy after-effect and dry thoroughly.

Note: If ink is allowed to dry, a strong detergent-water-ammonia solution will be necessary.