

FLEXICRAFT[®] TF
(NARROW WEB)FT05
(08/14)

- 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 (DuPont, USA). 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, rollers and 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 most PANTONE (PANTONE LLC, USA) shades.
- Shelf Life:** Minimum one year in unopened containers.

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.



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](http://www.colorcon.com/notox)

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