



Deco Flexform inks

- DESCRIPTION:** New found technology for the plastic industry. Flexform is a flexible ink that can be flexographically printed on plastic film and then be put through a forming machine. Using this method allows one to save much time because the industry currently screen prints. This Ink exhibits high gloss, fast cure, chemical resistance, flexibility, and abrasion resistance. Using acrylic chemistry we have found this system to excel in performance.
- MARKETS:** Flexforms versatility gives it a wide application to such markets as automotive, point-of-purchase plastic signs, and appliance trim. Flexform has passed many rigid tests.
- SUBSTRATES:** Flexform has excellent adhesion to many plastics. Always test adhesion to your particular substrate. (Please reference second page)
- PRINTING SUGGESTIONS:** Flexform needs to be stirred thoroughly prior to use. The ink is to be used out of the container. These inks can be printed from a low anilox to a high line anilox (200-1500). Curing parameters may have to be adjusted for increased ink film thickness or press speed. Pretests are recommended prior to production run.
- Cure:** The curing cycle depends on the UV reactor being used. The ink works well when cured with one 300 watt/inch medium pressure mercury vapor bulb at speeds of 5 to 300 fpm.
- Adhesion:** Deco-Chem inks will post cure, so maximum adhesion, abrasion resistance, and chemical resistance may be obtained after 24 hours.
- Cleaning:** We recommend a cleaner called FXM96. This cleaner can be used on many items. The cleaner is water based and is good for people who don't normally use gloves. People can get burned if using some solvents to clean UV inks without gloves. The cleaner is not to be used on printing plates. Call plate manufactures about best cleaning solution.
- COLORS:** Pantone® colors are available and special color matches.
- STORAGE:** Deco•Chem's ink should be stored in a opaque polyethylene container at room temperature (75°F). Now most ink can be put into a pourable hand held container. Inks previously used for printing runs should be stored in a separate container to avoid contamination. DCF has a minimum shelf life of 6 months from date of manufacture if the above guidelines are followed and nothing has been added to the ink.