



Deco-Flex - DCF

Flexographic Ink
UV

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

Description: The DCF inks are manufactured from high quality UV curable pigment dispersions. These dispersions are designed to allow for lower viscosity and higher strength ink systems. Therefore, Deco-Chem is able to custom design UV inks for most application. The standard DCF series is based on high concentration of pigments and the latest technology monomers that allow the printer to carry lower volumes of ink with out a dust problem.

- Qualities:**
- 4th Generation
 - Excellent Adhesion
 - NVP Free
 - Fast Cure
 - Low Plate Swell
 - HDODA Free
 - Solvent Free
 - Cost Effective
 - Less Thixotropic
 - Ave. Visc. 800-1500 CPS
 - Very High Gloss
 - Pumpable
- Substrates:**
- Film
 - Paper
 - Vinyl
 - Cardstock
 - PVC

Stencil: Use a lacquer proof or direct emulsion film, photographic, or water-soluble hand-cut stencils

Coverage: 12,396-49,618 sq/ft. per gallon depending on ink deposit

Application: Use for variety application

Line Count: 200 to 800 line count recommended for most applications.

Cure Parameters: DCF series cures only by UV light of the proper wavelength. Cure speeds depend on ink deposit, color shades, bulb selection, and energy level. DCF series may be cured using one 300 watts medium pressure mercury bulb. Pretests are recommended to determine highest processing speeds possible for complete cure.

Additives: DCF100-105 Thinners, DFX106 Cure Accelerator, and DFX107 Adhesion Promotor

Cleaner: FXM96 Press cleaner (not for plates)

Storage: Store tightly, shut in a cool, dry, and dark place for minimum shelf life for 6-12 months.

Sizes: 1 Gallon Pail, 2 Gallon Pail, 5 Gallon Pail

If our current line of colors, finishes, or textures does not meet your needs-
Contact us today about tailoring a product for you!

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