



Deco High-Viscosity - DCH

Flexographic Ink
UV

Technical Data Sheet

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

Description: The DCH Inks are an excellent choice for the package and label market. DCH is a special high viscosity formulation for UV flexo applications. DCH Series is designed to be printed on an Arpeco flexo press. It demonstrates excellent opacity. It is also compatible with all Deco-Chem's UV flexo series.

- Qualities:**
- 4th Generation
 - Excellent Adhesion
 - NVP Free
 - Fast Cure
 - Low Plate Swell
 - HDODA Free
 - Solvent Free
 - Cost Effective
 - Less Thixotropic
 - **Ave. Visc. 3000-5000 CPS**
 - Very High Gloss
 - Pumpable

- Substrates:**
- Film
 - Vinyl
 - Cardstock
 - Paper

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

Line Count: 200 to 1,500 line count recommended for most applications.

Cure Parameters: DCH Inks cure only by UV light of the proper wavelength. Cure speeds depend on ink deposit, color shades, bulb selection, and energy level. DCH 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: ARP100-105 and HVF100-105 Thinners, ARP106 and HVF106 Cure Accelerator, and ARP107 and HVF107 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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