



Product Data Sheet

800 UV FLEXO INK SERIES

General Information

UV Flexo 800 Series UV Flexo inks offer superb dot reproduction, maintain crisp print definition and sharp copy and clean reverses without the gain typical of water or solvent based flexo inks. 800 Series inks have good flow, and leveling properties and a high gloss level. Intercoat adhesion and trapping is particularly good, and can be printed over or under other UV inks. UV Opaque White may be overprinted with thermal transfer, ink jet, ion deposition, dot matrix, or laser imaging.

Key Features

- Ultra low viscosity range: 700-900 cP
- High color density
- Superb dot reproduction
- Excellent intercoat adhesion and trapping
- High gloss finish
- No foaming on press
- Lightfast colors available for outdoor application
- Media Type
- Coated paper and board
- Pressure sensitive vinyl's
- Top coated or print treated polyesters, polyethylenes and BOPP films

Color Range

A complete range of Pantone® Formula Guide basic colors, pastel colors and four color process available.

Printing Recommendations

UV Flexo 800 Series was developed to be used with the finest anilox roll cell counts available to maximize print quality, and improve ink mileage. Line colors were designed to be run on conventional CO2 laser engraved anilox rolls up to 600 cells per inch, and process colors up to 1000 cells per inch. Process colors can be successfully printed with YAG engraved aniloxes up to 1500 cells per inch. Increased color strength can be achieved through the use of a lower anilox cell count, and reduced color strength with a higher anilox cell count.

UV Flexo 800 Series is compatible with all plates designed to work with UV based inks. Tests have shown that 800 Series induces minimal plate swell and softening over a 24 hour period, well within manufacturers' suggested tolerances.

Safety and Handling

Refer to SDS for safety, handling and disposal information.