

**6800 Series UV LED (Light Emitting Diode) Flexo Metallic Ink is specifically formulated for Tag and Label applications. These inks have excellent rheology characteristics making them ideal for most printing equipment and product applications.**

**These Dual Cure inks have been specifically formulated for use with 16W/cm<sup>2</sup> UV LED curing lamps (with an output wavelength of 395nm) or conventional Hg UV lamps.**

## APPLICATION AND USE

### Substrates

Pressure sensitive vinyl, top coated and print treated polyester, BOPP films, polyethylene, polystyrene, coated paper and board.

### Anilox

The 6800 Series UV Flexo Metallic Inks colors are formulated to print using an anilox with a cell volume of at least 4.0 BCM, and line count of less than 400 lines per inch.

### Plates

6800 Series UV LED Flexo Metallic Ink is compatible with most UV Flexo plates currently on the market.

### Printing

6800 Series UV LED Flexo Metallic Ink can be affected by stray UV light in and around a printing facility. Be aware of skylights, windows and overhead lights curing the ink. Light filters are recommended. Keep ink containers covered when not in use.

### Overprintability

The leafing pigments used in 6800 Series UV LED Flexo Metallic Ink are not ideal for overprinting as the pigment comes to the liquid/air interface of the wet ink film. This surface can be difficult to get ink and varnish to trap onto and adhere to.

Overprintability should be tested prior to production.

To achieve maximum metallic effect, varnishing should be avoided. For jobs that require a protective overprint varnish, keeping the film weight to a minimum will result in the least impact on metallic effect.

### Clean Up

Use NWC10 EZ Cleaner

### Fade Resistance

6800 Series UV LED Flexo Metallic Silver inks have Blue Wool values of 7-8 and Bronze inks are 5.

## Storage and Handling

6800 Series UV LED Flexo Metallic Ink is formulated to be press ready. Thoroughly mix the ink prior to printing. Maintain ink temperature at 65°-90°F (18°-32°C) for optimum print and cure performance.

To prevent premature cure or gelling, keep away from heat, flame and direct light sources.

Proper personal protection equipment is required when handling this material. Please consult MSDS for details on proper handling of this material.

Ink taken from the press should not be returned to the original container; store separately to avoid contaminating unused ink.

## Shelf Stability

The 6800 Series UV Flexo Metallic Ink Series in unopened containers have 6 months shelf life. Although useable after 6 months, some loss of brilliance may occur.

## PRODUCT OFFERING

### Packaging Per Container

Silver	8 lb
Gold	10 lb

Stock No.	Metallic Printing Colors
682871	UV LED Flexo 871 Gold
682872	UV LED Flexo 872 Gold
682873	UV LED Flexo 873 Gold
682874	UV LED Flexo 874 Gold
682875	UV LED Flexo 875 Gold
682876	UV LED Flexo 876 Gold
682877	UV LED Flexo 877 Silver
682VMS	UV LED Flexo Sterling Silver <sup>VMP</sup>

Stock No.	Cleaner
NWC10	EZ Cleaner

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