



## Nuvaflex® 37 Series

Prime Label UV Ink



**Zeller+Gmelin**  
P r i n t i n g   I n k s

## New Day for UV Flexography

The NUVAFLEX® 37 SERIES inks have been designed to extend and create new market opportunities in the UV Flexo printing industry. Built-in properties enable fine line screens and reverses to be printed at low BCM counts, while minimizing film weight – rivaling offset quality. Benefits also include fusing adhesion to difficult film, low viscosity and free flow rheology, low odor and extractable components, varnish like gloss, minimal to no plate swelling and speeds of 700ft per minute plus. NUVAFLEX® 37 SERIES inks are also silicone and wax free. This approach enables trapping, hot stamping, thermal overprinting, lamination, durability and maximizes true natural bonding.

### Fade Resistant

Description	Product Code	Blue Wool Fade	Viscosity (cps)
Yellow	3711	7	800
Warm Red	3721	7	1000
Rubine	3731	7	700
Rhodamine	3741	7	900
Purple	3751	7	700
Violet	3756	7	700
Orange	37021	7	1000

### Extended Gamut

Description	Product Code	Blue Wool Fade	Viscosity (cps)
ECG Orange	3715	6	550+/-100
ECG Green	3716	8	550+/-100
ECG Violet	3717	7	725+/-100

### Process Inks

Description	Product Code	Blue Wool Fade	Anilox (bcm)	Viscosity (cps)
Yellow	3701	4	1.3-1.5	400
Magenta	3702	4	1.2-1.5	650
Cyan	3703	8	1.1-1.3	700
Black	3704	8	2.0-2.5	650
Dense Black	3706	8	1.3-1.5	750

### Base Inks

Description	Product Code	Blue Wool Fade	Viscosity (cps)
Yellow	3710	4	700
Warm Red	3720	4	600
Rubine	3730	4	700
Rhodamine	3740	4	400
Purple	3750	4	650
Violet	3755	4	700
Reflex	3760	7	800
Blue	3770	8	600
Green	3780	8	550
Black	3790	8	700
Extender	3795	N/A	500
Orange	37021	4	600
Opaque White	3705	8	600
012 Yellow	37012	4	750
032 Red	37032	4	550
072 Blue	37072	7	800

## ***Profitability Enhancement***

The most proven method for reducing ink costs is through minimizing ink consumption. Running thinner films, remixing unused colors, enhanced press speeds, and using less energy on press all add up to cost savings with NUVAFLEX<sup>®</sup> 37 SERIES.

Instead of reducing costs through low level pigmentation and off-grade materials, NUVAFLEX<sup>®</sup> 37 SERIES has been designed to print at extremely low ink film weights and high press speeds. Utilizing NUVAFLEX<sup>®</sup> 37 SERIES adds up to cost savings in your printing processes.

- 15-40%+ Increase in Ink Mileage
- Maximum Press Speeds

## ***Color Availability***

NUVAFLEX<sup>®</sup> 37 SERIES inks contain new cleaner, transparent pigmentations specifically designed for UV Flexo. This allows the NUVAFLEX<sup>®</sup> 37 SERIES system problem free color matches along with the ability to achieve a wider color spectrum than previous Flexo systems. NUVAFLEX<sup>®</sup> 37 SERIES Process and Hexachrome inks are formulated to print at various density

## ***Plate Life***

NUVAFLEX<sup>®</sup> SERIES combines high pigmentation and smooth lay down traits with minimal plate wearing components. This allows for reduced pressure on the impression and as a result extended plate life.

## ***Ink Management Tools***

- Flexo Ink Estimator—available on our website at [www.zeller-gmelin.us](http://www.zeller-gmelin.us)
- Flexo Troubleshooting Guide
- Color Management—when your colors need to be eXact™, online ink formulation and color quality systems are available

## ***Features***

- Minimal to low plate swell
- Extreme pigmentation
- Non-silicone and wax free
- Low odor
- High speeds
- Free flow rheology
- Benzophenone free
- Free radical chemistry
- High transparency and gloss
- New safer UV materials utilized
- Ideal for prime label applications

## ***Applications***

- Prime Label
- Carton Stocks
- Pharmaceutical
- Foils
- Many Others



# Locations

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**Zeller+Gmelin**  
Printing Inks

