Zeller+Gmelin
Printing Inks

NUVAFLEX 34 SERIES FLUORESCENT GUIDE

INTRODUCTION

The NUVAFLEX 34 SERIES is a premium silicone-free high intensity UV flexography system that allows for printing on many difficult surfaces by combining clean UV chemistry with fusing adhesion technology. Universal applications range from shrink film & polyolefin laminates to general paper and carton board printing.

The 34 SERIES FLUORESCENTS are engineered to maintain maximum brilliance thru ultraviolet curing lamps. When checking fluorescent colors keep in mind that after exposure to UV curing fluorescent colors will bounce significantly closer to their original shade within 24 hours.

BENEFITS

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

STORAGE

Store in dark cool place in an enclosed darkly shaded container. Do not expose to direct light for long periods of time. Temperature range for storage should range from 20°C - 35°C. Protect from Freezing.

RECOMMENDED SUBSTRATES

- Shrink Sleeve PVC, Polystyrene, OPS, PETG, & PLA
- Top Coated and Corona Treated Polyolefins (BOPP, PE, PP, LDPE, & HDPE)
- Many other hard to bond to films, papers and top-coated materials

Product Code	Product Description
DP348010	801 BLUE
DP348020	802 GREEN
DP348030	803 YELLOW
DP348040	804 ORANGE
DP348050	805 RED
DP348060	806 PINK
DP348070	807 PURPLE
DP348080	808 GREEN
DP348090	809 YELLOW
DP348100	810 ORANGE
DP348110	811 ORANGE
DP348120	812 RED
DP348130	813 PINK
DP348140	814 PURPLE

CHARACTERISTICS

Viscosity	800cps ± 200 @ 25°C
Yield Value	2.0
Grind	< 5 Microns
Printed Surface Energy	38+ dynes/cm^2
Anilox	4-6BCM
Fade Resistance	BW1

PRODUCT COMPLIANCE

CONEG	+
PROP 65	+
TSCA	+
DSL/NDSL	+
ASTM F963	+
EN71-3	+
HMIS RATING	2-1-2-B
VOC	<0.1% Residual

Zeller+Gmelin Corporation complies with voluntary heavy metal limits for toys as defined in ASTM F 963, as well as CONEG regulations concerning lead, mercury, cadmium and hexavalent chromium. Zeller+Gmelin Corporation's inks also comply with the EN 71-3 toy standard limits for heavy metals. These products are not approved for direct food contact applications.

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