

TECHNICAL DATA

Description: DENSE BLACK

Series: 34

Formula Code: RH3445407

Color: BLACK

INTRODUCTION

The NUVAFLEX 34 SERIES is a Premium 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. 34 SERIES blends incorporate maximum pigmentation levels while maintaining press fluidity. Low print film weights maximize print definition and contrast, increase ink mileage along with minimizing odor and extractables. Low film weights also enhance ink film shrink characteristics in shrink sleeve applications providing smooth and even shrink traits as the ink builds upon itself during the shrink process.

BENEFITS

- Low odor
- High speeds
- Free flow rheology
- Benzophenone free
- Extreme pigmentation
- Free radical chemistry
- Minimal to low plate swell
- High transparency and gloss
- Universal ink system for many difficult applications

SUBSTRATES

- Shrink Sleeve PVC, Polystyrene, OPS, PETG, & PLA
- Top Coated and Corona Treated Polyolefins (BOPP, PE, PP, LDPE, & HDPE)
- Metallized Films, Papers Etc.
- Many other hard to bond to films, papers and topcoated materials+

CHARACTERISTICS

Viscosity	700 cps +/- 200
Gloss	70 +
Total Grind	0 - 5 microns
Fade resistance	BW8
Track Speed	>175
VOC	<1%

PRODUCT COMPLIANCE

*CONEG	+
*TSCA	+
*DSL/NDL	+
*ASTM F963	+
*EN71-3	+
*HMIS	2-1-2

*Our products are not approved for direct food contact applications.

STORAGE

Store in a cool environment in an enclosed container. Do not expose to direct light for long periods of time. We recommend a storing temperature range of 68°F-86°F (20°C-30°C) and not to exceed 95°F (35°C).

If inks are stored properly we warrant this product is usable for six months past date of delivery.