

TECHNICAL DATA

Description: DENSE BLACK

Series: 32

Formula Code: 3206

Color: BLACK

INTRODUCTION

The NUVAFLEX 32 SERIES is a Premium Silicone-Free, High Intensity UV Flexography system that allows for printing on many difficult surfaces, featuring high cure speeds, clean sharp printing and excellent scratch resistance. 3206 DENSE BLACK can be used in universal applications that range from shrink film & Polyolefin laminates to general paper and carton board printing.

3206 Dense Black is based on carbon black pigmentation, coupled with alkali toner. While there is a potential for migratory bleed with alkali blue the opportunity is very low due to minimal percentages utilized. 3206 Dense Black can be substituted with 3204 Process Black when high fastness conditions are necessary (ex. amines in water based coatings). For further reference see Fastness Data below.

BENEFITS

- Low Odor
- High Speeds
- Benzophenone Free
- Minimal Plate Swell
- Non-Silicone and Wax Free
- High Gloss
- Highly Pigmented
- Universal ink system for many difficult applications

SUBSTRATES

- Top Coated and Corona Treated Polyolephins(BOPP, PE, PP)
- Paper Stocks
- Shrink Sleeve PVC, PETG, OPS
- Many other hard to bond films, papers and top-coated materials

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.

CHARACTERISTICS

Viscosity (25°C)	550cps+/-100
Flow Index	1.4
Bulk Grind	<1
Gloss (60°)	90+
Surface Energy	38+ dynes/cm2
Anilox	1.6-2.1 BCM
Anilox process work	1.3-1.5 BCM

PRODUCT COMPLIANCE

-Please see SDS for Regulatory information.

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

PIGMENT FASTNESS DATA

Fade Resistance	8 /toner 1
Blue Wool Scale	
*Lactic Acid	+ /toner -
*Alkali	+ /toner -
*Water	+ /toner -
*Sterilization	+ /toner -
*Mineral Spirits	+ /toner -
*Ethyl Alcohol	+ /toner -
*Oils/Fats/Greases	+ /toner -
*Paraffin	+ /toner -

Suitable +, Testing Recommended -/+, Unsuitable -, No Data ND

*Test method reference: NPIRI Raw Materials Data Handbook, Vol. 4 - Pigments

The statements made here are according to our present knowledge. They do not absolve the user from his or her own responsibility to ascertain that our product is suitable for their process. No legal implication should be derived from our statements, since explicit guarantees with respect to product performance are neither expressed nor implied. Currently existing laws and regulations should be observed by the consignees of our products at their own risk.