



NV3-01 Series Pure Plant-based Offset Printing Ink

【Product description】

NV3-01 series solvent-free pure vegetable oil based ink is designed by our company using the latest pure vegetable oil system and the most environmentally friendly materials. The design of the ink adheres to Bauhinia Ink's philosophy of focusing on environmental protection and caring for the environment, and this ink push the product to a higher level of environmental protection.

【Characteristics】

- ❖ Minimize VOC emissions ($\leq 1\%$), minimize environmental pollution, and reduce the impact on the health of operators and users. It is currently the most environmentally friendly offset printing ink product in our company
- ❖ Eco-friendly additive used, isocaprylic acid and cobalt free, suitable for products with extremely high environmental requirements.
- ❖ Excellent drying, suitable for high-speed printing.
- ❖ Good printing dots reproduction, vivid colors, high saturation.

【Technical parameter】

Product	NV3101	NV3301	NV3401	NV3501
Index	BLACK	YELLOW	MAGENTA	CYAN
TV(Viscosity)	8-10	8-10	8-10	8-10
DM mm(Fluidity)	33-39	33-39	33-39	33-39
DT min(Drying time)	400-750	400-750	400-750	400-750

【Index test description】

Test Items	Test conditions
TV(Viscosity)	Viscometer, 400rpm, 32 \pm 1 $^{\circ}$ C
DM mm(Fluidity)	Spreadmeter, 25 \pm 2 $^{\circ}$ C
DT min(Drying time)	Dryer, ambient temperature



【Instructions】

- ❖ Can be used directly on the machine under normal condition. Varnish can be added if printing in low ambient temperature or printing paper with poor surface. If you have light fastness or other requirements, please choose our company's special products.
- ❖ Note: adding ratio of additive should not exceed 3%.

【Packaging and shelf life】

This product is packed in a 1.0KG vacuum tank, and the shelf life is 3 years.

【Disclaimer】

This specification is in accordance with the actual production and test results, whether the product could meet your process requirements depends on application conditions and printed material. We recommend the users to assess if the product can meet all their requirements before production. Since we cannot predict or control your printing condition, the product performance cannot be guaranteed all sales are subjected to the standard terms and conditions of the sales control division.