



## High Gloss FD5-01 Series Pure Plant-based Offset Printing Ink

### 【Product description】

High gloss FD5-01 series pure plant oil offset printing ink is suitable for printing on substrates of coated paper, offset paper, ivory board, etc. It can adapt to low-speed to high-speed printing conditions and can meet the needs of high-end printing products. It is a standardized product with strong adaptability and wide versatility.

### 【Characteristics】

- ❖ The ink is a pure plant-based environmentally friendly ink, using pure plant oil-based varnish to reduce VOC emissions.
- ❖ Colour hue meet the ISO12647-2 standards, can pass G7, GMI and other color certification.
- ❖ Has good fixability and drying properties.
- ❖ Appropriate fluidity and viscosity, good performance on the printing press.
- ❖ Bright colors, high saturation, high gloss, strong reproducibility of original color

### 【Technical parameter】

Product Index	FD5101 BLACK	FD5103 SPECIAL BLACK	FD5301 YELLOW	FD5401 MAGENTA	FD5501 CYAN
TV(Viscosity)	9-11	9-11	8-10	8-10	8-10
DM mm(Fluidity)	33-39	33-39	33-39	33-39	33-39
DT min(Drying time)	≤750	≤750	≤750	≤750	≤750

### 【Index test description】

Test Items	Test conditions
TV(Viscosity)	Viscometer, 400rpm, 32±1°C
DM mm(Fluidity)	Spread meter, 25±2°C
DT min(Drying time)	Dryer, ambient temperature
Color	Color drawdown, compared with standard sample



### **【Instructions】**

- ❖ Can be used directly on the machine under normal circumstances. Varnish can be added if low ambient temperature or poor surface condition of printing paper. 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.