



## TDS-Offset Visible Fluorescent Orange Ink

### PRODUCT TYPE AND USE

Offset Visible fluorescent orange ink is having daylight fluorescent effect and contains an anti-photocopy\* feature. The optical effect cannot be reconstructed with conventional color inks. These colors cannot be copied. Apart from the visual examination, this ink can be verified using a 365nm UV light source.

### PHYSICAL DATA

**Appearance:** Orange Coloured Paste ink.  
**Viscosity:** Optimised viscosity for offset printing.

### PRINTING RECOMMENDATION

**Printing process:** Web and Sheetfed Offset printing.  
**Substrate:** This ink works very well preferably on absorbent substrates. However, the customers can evaluate the ink on different substrates also according to their requirements and ensure the application feasibility.  
**Drying Condition:** Air Dry/IR hot air  
**Washing Solvent:** Offset Roll wash  
**Application:** Security documents, Brand Protection labels, etc.

### HANDLING AND STORAGE

#### **Storage Condition:**

- Should be stored in cool dark place under temperature  $25\pm4^{\circ}\text{C}$ .
- Do not expose to heat, spark and open flame.

#### **Shelf Life:**

- Up to 12 months under above said storage condition in the original container with seal.
- At higher storage temperatures the shelf life will be reduced.

#### **Safety Precaution:**

- For personal protection and hygiene, wash thoroughly after handling. Wash before eating and using toilet facilities.
- Avoid eye & skin contact. Keep container closed when not in use and upright to prevent leakage.

Note: \* Anti-copy effect can be achieved only if the ink is printed in considerably less color densities. We always advise the users to print and optimise the color density level in order to achieve the anti-copy effect before the bulk production.

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