

Best Cure

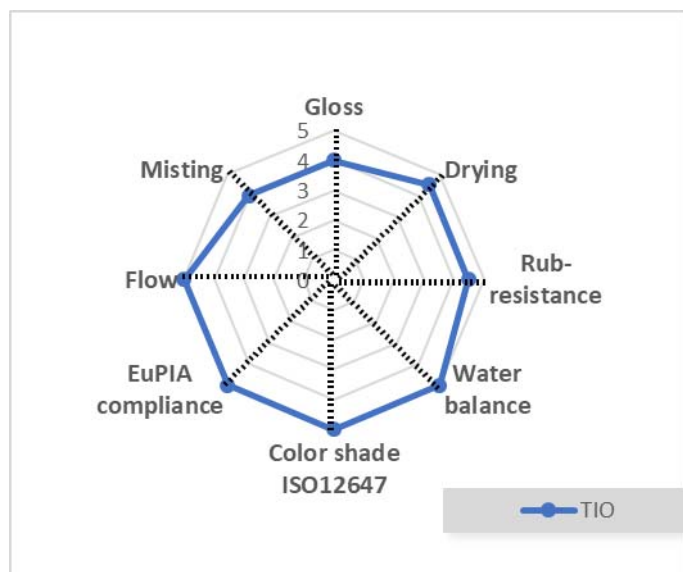
UV TIO Series

“UV TIO” series is a next-generation UV ink which enables higher performance compared to conventional UV inks, in all processes and aspects such as printability, finish quality, exclusion of harmful component, deinkability and so on.

We have designed this ink with the concept of being able to print with any type of UV printing press, with any type of UV irradiation device. “UV TIO” series alone will allow you to print on all the UV printing press you have, with different types of UV irradiation devices.

■ Features

- The raw material used comply with EuPIA Exclusion Policy for Printing Inks and Related Products.
- Excellent drying property. Applicable for ozone-less UV, LED-UV and UV devices with reduced number of lamps.
- Black ink has particularly excellent density and drying property.
- Helps to reduce the amount of dampening water, which leads to less troubles related to over-emulsification.
- In accordance with hue of ISO12647-2. Excellent dot gain, trapping and gray balance.
- Excellent rub-resistance. Applicable for various types of paper.
- Good deinkability enables recycling of printed matter. Deinkability test certificate has been obtained. (Test Number: PMV-19-085)



■ Handling Instructions

- Please start printing with as little dampening water as possible.
- Please use tack reducer (viscosity modifier) designed specially for UV ink.
- If a printed matter using non-absorbing substrate is left outdoor or exposed to water (including dew), it may cause adhesion to deteriorate and ink may be peeled off by nail scratch, etc.
- For color shade adjustment, the black ink uses pigment having relatively less resistance. Please confirm required specification through pre-test for post-press processing such as PP laminating, retort processing, etc.
- Please use additives, washing agent and plate material that are designed for UV inks.
- Ink adhesion on substrate varies depending on its material and its surface condition. Please confirm by preliminary test.
- Excessive ink supply or deterioration of UV lamp can cause poor performances in curing or adhesion.
- The ink is developed not to cause any adverse effects on human body. However, in case of some people, leaving the ink on body or clothes for a long time may cause rash. Wear protective gear when handling the ink, and wash hands after completing the job.
- Before using this product, please read safety data sheet.

- The data contained herein are based on the results of the tests conducted in accordance with the in-house test methods, and are not standard values. Always conduct pre-use tests to ascertain the suitability of the product to your requirements. Nothing contained herein is to be construed as a recommendation for use in violation of any patents, applicable laws or regulations. It is the responsibility of the user to comply in all respects with applicable laws and regulations
- Owing to product improvement the information contained herein may be modified without any prior notice
- Make sure to read material safety data sheet (MSDS) thoroughly before using the product.