

UV Inks

UV Watermark Ink A

"UV Watermark Ink A" UV curing ink can be used to print watermarks by letting it sink in the fibers of the paper. In case of conventional UV inks, it was difficult to get effective watermarks because they cured before sinking into the stock. However, [UV Watermark Ink A] is designed, by striking a good balance between newly adopted permeation drying constituent and UV curing constituent, to enable more effective watermarks. It is primarily used for high quality paper and is utilized for forgery prevention in security printing.

■ Feature

- ▶ Enables highly effective watermarks.
- ▶ Excellent UV curing with little stickiness.
- ▶ Yellowing is little, and printed parts are not so evident.
- ▶ Little misting.

■ Handling Instructions

- ▶ Use for resin letterpress printing method.
- ▶ Use high quality non-coated paper. Watermarks cannot be applied to coated papers.
- ▶ Pay attention to the amount of ink applied, because too little an amount of ink produces less effective watermarks. During printing, constantly check the watermarks effects.
- ▶ Because of its non-UV curing constituents this ink lacks in properties like printing and heat resistance.
- ▶ The ink is soft, but if viscosity needs to be reduced further, use "UV DG Reducer". Adding "No.2 UV Context" causes gelation.
- ▶ The less the amount of UV lamp irradiation, the better the watermark effects. Regulate amount of irradiation while checking the ink drying.



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- ▶ 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 MSDS thoroughly before using the product.