

UV Varnish

UV Release OP Varnish Series

"UV Release OP Varnish" series UV-OP varnishes have release property. Three types of varnishes, categorized according to release strength, are available.

Product Name	Features	
UV Release OP Varnish UP-200	Release strength: Strong. Difficult to use for offset printing.	
UV Release OP Varnish UP-2	Release strength: Medium. General purpose. Excellent heat resistance.	Slide Angle: 8~9°
UV Release OP Varnish A-3	Release strength: Weak.	Slide Angle: 12~13°

■ Features

- ▶ Vehicle composition is almost same in all the three types; they are rapid drying L Carton OP type varnishes.
- ▶ Useable as an undercoat of silver ink (screen ink) used for scratch cards. The characters concealed undersilver ink can be scratched out easily. Public lottery is one of the applications.
- ▶ Since the varnish of this series has release property, it can be used as glue release agent.
 - ▶ Highly heat resistant. It depends on the application but it can endure temperatures over 300°C. (Confirmation required)
- ▶ Release strength can be manipulated by arbitrarily mixing above-mentioned OP varnishes.

■ Usage

This series is applicable to paper, paperboard, and treated aluminum-laminated paper, and can be used for printing with dry plates as well PS plates that use dampening water.

(For UP-200, dry offset and resin letterpress are recommended.)

- ▶ 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.

■ Handling Instructions

- ▶ Once "UV Release OP Varnish" is printed and dried, additional printing cannot be carried out.
- ▶ Release property varies depending on drying and emulsification conditions. During printing, make sure to periodically confirm repulsion by oil-based magic marker.
- ▶ Post process like foil stamping and gluing cannot be done over OP varnish. Therefore, make sure to not let non-image area like overlap width get dirty by scumming.
- ▶ It cannot be used as a UV-OP varnish for oil-based inks.



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