

UV Varnish

UV Video OP Varnish Y

"UV Video OP Varnish Y", a UV curable varnish developed with stronger rub and scratch resistances, is used for offset printing. It is primarily used to give protection and durability to ink printed on films.

■ Features

- ▶ Excels in rub and scratch resistances.
- ▶ Excellent curability and printability.
- ▶ Resists yellowing.
- ▶ Excels in trapping of undercoat inks.

■ Basic Specifications

Tack Value : 3.2 ± 0.5 (Ink-O-Meter, 400rpm, Water temperature: 38.0°C)

Flow Value (D60) : 37.0 ± 5.0 mm (Parallel-plate Viscometer , Room temperature: 25.0°C)

■ Handling Instructions

- ▶ Use UV inks for undercoats. It cannot be used as a UV-OP varnish for oil-based inks.
- ▶ It is unsuitable for post printing process like foil stamping and gluing. Overlap width is necessary.
- ▶ Though it may directly adhere to a few stocks, in most cases UV ink undercoat is necessary. If ink is not available, apply it after printing with "UV Premier".
- ▶ Primarily used for film stocks, it can also be used for paper.
- ▶ To adjust viscosity of this varnish, use "UV DG Reducer" within 5%. Use of "No.2 UV Contex" may deteriorate adhesiveness.



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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.