

UV Varnish

UV Pack OP Varnish NS

“UV Pack OP Varnish NS”, a UV curing OP varnish for over printing on oil-based and UV hybrid inks, can be used for simultaneous printing. It is non-silicone type and is used for printing that requires foil stamping.

■ Features

- ▶ It causes little stickiness when oil-based inks are used for under-print.
- ▶ Suitable for foil stamping and gluing.
- ▶ Excellent emulsification resistance and good offset printability.
- ▶ Little yellowing.
- ▶ Excellent trapping property.

■ Properties

Tack Value: 2.5±0.3 (Ink-O-Meter, 400rpm, Water temperature 38°C, 1 minute value)

Flow Value: 40.0±5.0 (Spread-O-Meter, Room temperature 25°C, spread diameter after 1 minute)

■ Handling Instructions

- ▶ The type of oil-based ink used and excessive use of OP varnish can hinder the adhesion to under-print oil-based inks. (Note: Adherence is incomplete right after printing.)
- ▶ Since it does not adhere to dried oil-based inks it cannot be used as off-line varnish.
- ▶ Although it is designed to allow foil stamping and gluing, it may not adhere to certain foils and glue. Conduct pre-use tests to ascertain suitability.
- ▶ In case of non-absorbent paper (for example: treated aluminum-laminated paper) it cannot be used over oil-based inks. Troubles such as set-off and defective curing will occur.
- ▶ For diluent, use "UV DG Reducer" (within 5%). Some usage conditions can cause set-off or curing defects. Make sure to test when using the diluent.



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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.