

UV Varnish

UV Dry Pack OP Varnish NK

"UV Dry Pack OP Varnish NK", a UV curable OP varnish, was developed for overprinting on oil-based inks. It adheres very well to cured oil-based ink films and can be used offline. It is used to enhance physical properties of oil-based inks.

■ Features

- ▶ Adhesion to dried oil-based ink is excellent.
- ▶ Can be used for inline (wet-on-wet) printing also.
- ▶ Excels in rub and scratch resistances.
- ▶ Highly resistant to emulsification and excels in offset printing applicability.

■ Properties

Tack Value: 2.8 ±0.3 (Ink-O-Meter, 400rpm, Water temperature 38°C, 1 minute value)

Flow Value: 36.0 ±5.0 (Spread-O-Meter, Room temperature 25°C, spread diameter after 1 minute)

■ Handling Instructions

- ▶ It may not adhere well to undercoats printed by certain oil-based inks or due to the drying conditions of the undercoats. Make sure to confirm the adhesiveness.
- ▶ Basically, overlap width is necessary for glue portion.
- ▶ Remove spray powder before applying "UV Dry Pack OP Varnish". Applying varnish on a surface with large amount of spray powder will cause piling in blanket.
- ▶ For diluent, use "UV DG Reducer" (within 5%).
- ▶ It is unsuitable for foil stamping. If foil stamping is required, try out non-silicone "UV Dry Pack OP Varnish NK-NS".



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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.