

## UV Varnish

### No.3 UV Wet Pack Matte OP Varnish L

"No.3 UV Wet Pack Matte OP Varnish L" UV curing OP varnish was developed as a matte varnish for oil-based inks used in inline printing. It is primarily applied to coated paperboard.

#### ■ Features

- ▶ Excellent adhesion to oil-based inks.
- ▶ Enables excellent matte effects.
- ▶ Stacking of print material is possible.
- ▶ Compared to other oil-based matte OP varnishes it excels in rub and scratch resistances.

#### ■ Properties

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

Flow Value : 36.0±4.0 (Spread-O-Meter, Room temperature 25°C, spread diameter after 1 minute)

Gloss value : 12 points or so (Gloss Meter, 60-60)

Slide Angle : 25° or so (Varnish sidex Varnish side)

#### ■ Handling Instructions

- ▶ Less the amount of varnish applied the better the matte finish is. But, too small an amount causes set-off.
- ▶ Amount of under-print oil-based ink affects matte finish. (With the passage of time the upper coat varnish on oil-based inks further dries down.)
- ▶ Adhesiveness can deteriorate for certain oil-based inks and due to excessive application of OP varnish. (Note: Adherence is incomplete right after printing.)
- ▶ Cannot be used for non-absorbent stocks. Troubles such as set-off and defective curing will occur.
- ▶ Cannot be printed on dried oil-based inks.



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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.
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