

UV Inks**UV 171 Series**

"UV 171" series offers UV offset inks for Toray waterless lithographic plates.

■ Features

- ▶ Soft.
- ▶ Excels in drying property.
- ▶ Superior press stability.
- ▶ Excellent adherence and transferability.
- ▶ Glossy.

■ Properties

Product Name	Tack Value	CTI	Notes
UV 171 VS	12.0~13.0	33~35°C	For VS1000 printing machine use only.
No.3 UV HR VSE			
UV 171 G V5	10.0~11.0	27°C	Printing machines equipped with cooling systems.
UV 171 G V10	10.0~11.0	30°C	
UV 171 G V10-L	8.8~8.5	28°C	
UV 171 G V10-LL	6.5~7.0	26°C	
UV 171 G V15	10.0~11.0	33°C	Printing machines not equipped with cooling systems.
UV 171 H	9.5~10.0	30°C	Printing machines equipped with cooling systems.
UV 171 N	6.5~7.0	25°C	

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

■ Application Examples

- ▶ Sheet-fed Offset Presses⇒Films (PP, PE, PVC, PS, Synthetic Papers, Telephone Cards etc.)
- ▶ Rotary Presses⇒Forms /Labels.
- ▶ Label Printing Machines⇒Labels.
- ▶ Card Printing Machines⇒Telephone Cards/ Prepaid Cards.
- ▶ Form added-printing Machines⇒Forms , NIP Paper, Direct Mail

■ Handling Instructions

- ▶ For printing materials use Toray waterless lithographic plates, for plate cleaning use our UV plate cleaning solution, and for roller cleaning use our UV Roller Cleaning Solution F.
- ▶ Use urethane resin type roller to prevent roller swelling and ink blockage on the press.
- ▶ Basically temperature regulation of plates is required (air-cooling of plates and water-cooling of roller).
- ▶ Use "UV DG Reducer" to reduce the viscosity of the ink, if necessary.
- ▶ Pay attention that leaving a non-absorbent stock print outdoor, or exposing it to water (including dew) causes adhesiveness to deteriorate to the extent that the printed object will peel-off even by a nail scratch.
- ▶ Refer to "Material Safety Data Sheet" prior to using the product.



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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.