



# AS Water Based PVC Shrink Film Ink

## 【Product type】

Water based gravure ink for PVC shrink film, suitable for soft drink bottle, drinking water bottle PVC shrink label

## 【Suitable substrate】

PVC heat shrink film

## 【Product feature】

- ❖ Low viscosity, high solid content, fast printing speed
- ❖ Solid content: White ink solid content 53 +/- 1%; Black, yellow and cyan solid content: 38 +/- 1%; Magenta solid content 31 +/- 1%
- ❖ Vivid colour, high saturation
- ❖ Good adhesion, water resistance, smoothness, anti-blocking, good heat shrink performance

## 【Printing viscosity】

Depend on printing cell depth and printing speed, recommend as below:

White: 12-14 sec/ 25 °C (TOYO 3#)

Coloured: 12-14 sec/ 25 °C (TOYO 3#)

Precaution: Increase printing viscosity when printing with low speed and shallow printing cell

## 【Dilution】

Drying Speed solvent	fast	medium	slow
Deionised water	30	50	100



Ethanol	70	50	-
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**Recommendation: Diluent solvent addition amount 60-70%**

**【Printing guide】**

- ❖ Recommended drying oven temp. 40-60 °C
- ❖ Printing speed can reach 160m/min or above with drying equipment

**【Precaution】**

- ❖ Shake well before use to ensure good flow
- ❖ Ink performance varies with pigment selection, actual printing condition and control. If you have any enquiries please contact us
- ❖ Above data were obtained by our company, result might vary with different substrate and process, please confirm before use

**【Disclaimer】**

The data shown in this document is based on actual production and test result generated within our company. Above data is only for reference and does not bear any legal guarantee responsibilities. Whether actual ink performance can meet user's requirement depends on application conditions and substrate etc. We suggest that users should access whether current production conditions meet the application requirement of each product before printing. Since we cannot control the actual application and storage conditions, we cannot guarantee the final product performance. All product sales subject to our standard sales terms and conditions.