



# GB—PVC Shrink film Ink

## 【Product description】

GB is a PVC shrink film gravure printing ink, suitable for printing on PVC shrink labels for plastic bottles and other food packaging.

## 【Application】

- ❖ PVC hot shrink film
- ❖ PETG hot shrink film

PS. Use special purpose ink when printing on PETG hot shrink film, assess performance before production.

## 【Product feature】

- ❖ Good colour saturation and strength.
- ❖ Excellent adhesion, smoothness and heat shrinkable property.
- ❖ Good diagram reproduction.

## 【Printing Viscosity】

- ❖ Determined by the depth of printing cells and printing speed, see below for reference.
- ❖ White: 14-20sec/25°C(TOYO3# or Sheen 2#).
- ❖ Color: 15-22sec/25°C(TOYO3# or Sheen 2#).

(Note: Viscosity should be increased when printing with deep printing cell and low printing speed.)

## 【Dilution】

Actual dilution ratio depends on printing speed and weather, see table below for reference:

Drying speed \ Solvent	fast	medium	slow
ethyl acetate	60	30	-
n-propyl acetate	30	60	40
isopropyl alcohol	10	10	10
butyl acetate	-	-	50



### **【Precaution】**

- ❖ Mix thoroughly before use to ensure good ink flow.
- ❖ Addition of 10% of MEK can improve leveling and transferring performance; however excess addition could deform PVC film or even damaging the film.
- ❖ GB series ink should not be used on soft PVC film as it might cause blocking and migration issue.
- ❖ Printing performance is affected by choice of pigment, actual printing environment and printing condition. If unsure please contact our technical department.
- ❖ The above technical data were obtained from our lab, result might vary depending on material and process used, 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.