



# GYP Alcohol Soluble High Temperature Ink

## 【Series】

GYP series is an ester soluble gravure surface print ink for PE, PP film reverse and surface print. This series is suitable for high temperature tissue package printing.

## 【Composition】

- ❖ Resin: Nitrocellulose/other resin
- ❖ Solvent: isopropyl alcohol /ethyl acetate/ propyl acetate
- ❖ Additive: PTFE wax/dispersant
- ❖ Pigment: organic/inorganic

## 【Application】

- ❖ Printing substrate: PE, CPP, SPP
- ❖ Package type: Tissue and tissue roll packaging
- ❖ Printing speed: 60-300m/min
- ❖ Drying kind: hot air

## 【Product feature】

- ❖ Excellent adhesion on PE and PP.
- ❖ Alcohol and ester solvent based, benzene ketone free, eco-friendly and meet sanitary requirement.
- ❖ Good colour saturation and strength.
- ❖ Good anti blocking, rub resistance and smooth performance.
- ❖ Odorless, without typical polyamide ink odor.
- ❖ Heat sealing under 180°C without issue.
- ❖ Good printability, minimal color migration on process color printing.

### 【Dilution】

Drying speed solvent	fast	medium	slow
Ethyl acetate	80	-	-
propyl acetate	-	80	60
isopropyl alcohol	20	20	20
Propylene glycol monomethyl ether	-	-	20

### 【Storage & Safety】

- ❖ Flammable, volatile, sealed store at a cool ventilated place, avoid direct sunlight.
- ❖ Recommended to use and store at temperature between 10-30 °C. Long storage could cause ink separation, shake well before use.

### 【Precaution】

- ❖ GYP alcohol soluble high temperature ink has lower gloss than normal surface print ink, it is best suited for reverse printing and paper printing.
- ❖ CoF can be adjusted as requested, static CoF range between 0.18-0.45.
- ❖ The ink resin is NC, good solvent release and odorless during printing.
- ❖ If yellowing resistance is required, please mention before purchasing or use special series “GYP-H”
- ❖ Please check ink adhesion on BOPP before production, increase adhesion could be achieved by adding QT50816
- ❖ Good perfume-resistance of handkerchief and odor free during storage
- ❖ Fast drying solvent should be chosen for white ink, medium and slow drying solvent for colour ink.
- ❖ GYP has good solvent release, printing performance increases with faster printing speed.
- ❖ This series is suitable for tissue handkerchief, tissue roll, and extraction paper wraps,



not suitable for card paper printing.

- ❖ 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.