

Technical Information

PT-6000 Series Flexo Printing Inks



Series designed for deep-freeze resistance applications.

Application Type:

- ❖ Flexo printing

Substrates:

- ❖ Polyethylene LDPE-HDPE, Aluminium foil (with primary), Coex film, Polypropylene sack, BOPP, OPP, Metalized OPP (with primary), Porlized OPP film (min 38 dyn/cm)

Properties:

- ❖ Excellent gloss
- ❖ Excellent printability
- ❖ Excellent rub resistance
- ❖ Deep-freeze resistance (for chicken, ice-cream and milk packages)
- ❖ Heat resistance to **200 - 220°C**
- ❖ Appropriate for surface printing
- ❖ Not appropriate for lamination applications

Recommended Use:

- Thinner** : Isopropyl Alcohol (or Ethyl Alcohol) % **80** + Ethyl Acetate % **20** (4:1)
Retarder : Methoxy Propanol or Ethoxy Propanol
Accelerator : Ethyl Acetate
Varnish : **PT-6925** Varnish is used as a color lightener with the **PT-6000** Series.

Additional Information:

- ✚ Substrate to be printed needs to have a corona treatment of min **38 dyn/cm**
- ✚ Recommended anilox values are **80 - 120 tram/cm²**.
- ✚ Since the **PT-6000 Series** is designed for surface printing and deep-freeze applications, it has **high scratch and rub resistant**.
- ✚ By adding % **0,5** ratio of **PT-927** auxiliary could increase **scratch and rub resistance** of the ink.
- ✚ **PT-6000** series inks **definitely** cannot be used for **Rotogravure and Lamination** applications.
- ✚ It is recommended that to use “solvent + varnish” mixture for diluting ink to keep the ink properties and resistances at good conditions.
- ✚ Color range for this ink series can be determined from the Pantone, RAL catalogues or according to customer sample.
- ✚ Stir ink in a homogenous manner before use. Do not mix any other series of inks.
- ✚ Store inks in 20-25°C conditions to avoid discoloration and viscosity problems.
- ✚ The shelf life of these products are 1 year, starting from the production date. Sealed drums are under guarantee for 12 months after production date, since they are kept in a dry area at room temperature.
- ✚ Please contact to our technical service for special wishes and further information.

* Do not mix Budin Akarca inks with other brand inks.

* The information given is of no guarantee. The quality of the inks may differ with respect to customers conditions of use, the technical characteristic of the material being printed on and the printing facilities