

Technical Data Sheet

FSP-Series Flexo Surface Printing Inks

Series designed for surface printing with excellent gloss

Flexo

Application Type:

- ❖ Flexo printing

Substrates:

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

Properties:

- ❖ Excellent printability
- ❖ Excellent rub resistance
- ❖ Heat resistance to **130 - 140 °C**
- ❖ Appropriate for surface printing
- ❖ Not appropriate for lamination applications

Recommended Use:

Thinner	: Ethyl Alcohol (or Isopropyl Alcohol)% 80 + Ethyl Acetate % 20 (4:1) : Methoxy
Retarder	Propanol or Ethoxy Propanol
Accelerator	: Ethyl Acetate
Varnish	: FSP-90925 varnish is used as a color lightener with the FSP- 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 **FSP- Series** is designed for surface printing, it has **high scratch and rub resistant**.
- ✚ By adding % **0,5-1** ratio of **FSP-927** auxiliary could give extra **scratch and rub resistance** to the ink.
- ✚ **FSP-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.

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