

Ink Technologies

- **Aspect**
Glossy satin finish
- **Applications**
Rigid PVC as from 120 μ
- **Major advantages**
Allows lamination, embossing and overprinting of offset inks. Low ink deposit.
Excellent stability inside screen. Non-classified ink.
- **Printing**
Automatic and semi-automatic machines.
- **Colors**
Opaque white, metallic, pearly, basic and transparent colors.

SOLVENT INK

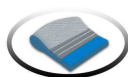


TECHNICAL CHARACTERISTICS



Screens

White: mesh from 77 to 120 threads/cm
Metallic: mesh from 61 to 120 threads/cm
Pearly: mesh from 50 to 120 threads/cm
 Reports: emulsions and films must be solvent resistant



Squeegees

Polyurethane, hardness HR1 75 SH (Medium)



Coverage

With a 120 threads/cm fabric, 1 kg will approximately cover 55 to 65 m²



Dilution

Solvcard inks can be diluted up to 10% with the SC201 thinner. In case of higher ambient temperature or if the ink tends to dry inside the screen, a greater or lesser amount of the SC201 thinner will have to be replaced by the SC203 thinner retardant



Specific colors

Inks from the Solvcard range are miscible with each other



Cleaning

Cleaning with the solvent 77BIO is recommended



Packaging

SOLVCARD 1 kg
 SOLVCARD 5 kg

Guarantee reserves

Although the data indicated in this document have been established after thorough tests, they are only given as an indication. VFP Company cannot be held responsible in any way, it being understood that we recommend making tests before starting any production run. No salesman, representative or agent is entitled to provide a guarantee or any insurance which might contradict the above statement. Please always refer to our general sale conditions.



Storage

Two years in its original packaging stored in between + 5°C and + 35°C



Drying

For few minutes by solvent evaporation at 50°C in a well ventilated hot air tunnel



Lamination

Carried out at a minimum of 130°C to 140°C for 5 to 15 min using a coated overlay film.

Example of performance: AC inks printed on PVC 400 μ , laminated with an overlay coating of 60 μ in a machine of the Oasys OLA6H type and tested with a dynamometer Lloyd LS1 (equipped with the TG113 accessory allowing some peeling tests at 90°), offer an average peeling resistance of 10 N/cm



Handling

After extraction of the ink, open pots need to be promptly closed to prevent any contamination or dust. The viscosity can be altered following solvent evaporation and will have an impact on the ink properties



Hygiene and safety

Although the products selected for the formulation are not dangerous as such, contact can cause allergic reactions in some particularly sensitive individuals. Ink soils on the skin should be cleaned as soon as possible with soapy water. In any case, refer directly to the safety sheets.