

## Ink Technologies

UV INK



- **Aspect**  
Glossy.
- **Applications**  
Specially designed to minimise the weakening of some PVC substrates, adhesive or rigid.
- **Major advantages**  
Very flexible mono-component ink. Suitable for fast processing. Outstanding stability inside screen.
- **Printing**  
Automatic and semi-automatic machines.

### CONDITIONS D'IMPRESSION



**Screens**

Fabrics: all mesh types from 140 to 180 threads/cm.  
Reports: emulsions and films must be solvent resistant.



**Squeegees**

Polyurethane, hardness 75 SH minimum (medium), minimum slope, with good sharpening.



**Coverage**

With a 140 threads/cm fabric, 1 kg will approximately cover 65 to 75 m<sup>2</sup>.



**Dilution**

ON ADHESIVE PVC: 15% of US 201 thinner.  
ON RIGID PVC: 15 % of US 209 thinner.



**Cleaning**

Cleaning with the solvent 77BIO



**Packaging**

US 1 kg  
US 5 kg



**Storage**

1 year in its original packaging stored in between + 5°C and + 35°C.



**Drying**

The UVISOFT ink will polymerize under a UV dose of about 120 MJ/cm<sup>2</sup>, depending on the mesh and color used. For the opaque whites and opaque blacks, polymerization happens under 150 MJ/cm<sup>2</sup>.

An over-polymerization can weaken the ink film and the substrate. An under-polymerization will result in a sticky appearance and create adhesion problems.



**Handling**

After extraction of the ink, open pots need to be carefully and promptly closed. Artificial or natural light can cause the start of polymerization and lead to the formation of a thin skin at the surface. For this reason, it is advisable to work in a low lighting or safelight environment.



**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.

#### Réerves de garantie

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