

## Ink Technologies

- **Aspect**  
Glossy
- **Applications**  
Rigid or adhesive PVC, polystyrenes, polycarbonates, acrylic substrates
- **Major advantages**  
Remarkable gloss. High degree of flexibility. Can withstand stretching and shrinking from the printed substrates
- **Printing**  
Manual machines

## SOLVENT INK

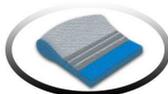


### TECHNICAL CHARACTERISTICS



**Screens**

Fabrics: all mesh types from 75 to 140 threads/cm.  
Reports: emulsions and films must be solvent resistant



**Squeegees**

Polyurethane, hardness 75 SH



**Coverage**

With a 120 threads/cm fabric, 1 kg will approximately cover 55 to 65 m<sup>2</sup>



**Dilution**

The MPI inks are diluted with 10 to 20% of the MP201 thinner.  
In the case of high temperature, the MP203 retardant must be used



**Cleaning**

Cleaning with the solvent 77BIO, 77NETX1 or X1SE is recommended



**Packaging**

MPI 1 kg  
MPI 5 kg



**Storage**

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



**Adhesion / resistance**

Excellent adherence. The solvents contained in the MPI ink react with the materials to be printed on causing a material/ink mix in the contact zone.

The resistance to light is proportional to the thickness of the ink film. The same applies for resistance to bad weather. Adding MP003 base or MP102 and MP103 whites will affect the light resistance



**Drying**

By solvent evaporation. Overprinting is possible after about 1 h 30 min depending on temperature and hygrometry conditions.

In ambient air, the prints will be touch-dry after about 1 h depending on temperature conditions, then stackable 8 h later.  
With forced-air inside a well ventilated hot air dryer.

Caution: It is important to ensure that the printed substrates are completely dry and have been cooled properly before stacking.

On flexible PVC, in some cases, one might notice the plasticizers rise up, giving the ink a sticky appearance and leaving the impression of a drying defect



**Handling**

After extraction of the ink, open pots need to be promptly and carefully 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

#### Guarantee reserves

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