

Ink Technologies

- **Aspect**
Glossy
- **Applications**
PVC sheets and adhesives, polyesters, polycarbonates, polystyrenes, PETG
- **Major advantages**
Multi-purpose high opacity white
- **Printing**
Automatic and semi-automatic machines

UV INK



TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 120 to 165 threads/cm
Transfers: emulsions and films must be solvent resistant



Squeegees

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



Coverage

With a 140 threads/cm fabric, 1 kg will approximately cover 65 to 75 m²



Dilution

The UV 103 ink is ready to use and if needed can be diluted with a few percent of the UV 201 thinner



Cleaning

Cleaning with the solvent 77NETX or X3 is recommended



Adhesion/resistance

The UV 103 ink has a very good opacifying power and a remarkable whiteness.



Packaging

UV 103 5kg



Storage

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



Drying

For a 150 threads/cm mesh, the UV 103 ink will polymerize under a UV dose in the range of 150 MJ/cm². For wider meshes, increase the level of polymerization



Handling

After sampling the ink, open pails need to be carefully and promptly closed. Artificial or natural light may induce polymerization and lead to the formation of a skin on the surface. For this reason, it is advisable to work in a low-light or non-actinic safe-light environment



Hygiene and safety

Although the products selected for the formulations are not dangerous as such, contact can cause allergic reactions in some particularly sensitive individuals. Ink or thinner stains on skin should be washed off immediately using soapy water. In all cases, refer directly to our safety data sheets

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.