

Ink Technologies

Aspect

Glossy on non-absorbent substrates

Applications

Printing on paper labels, polyethylene and top coated polypropylene

Major advantages

Flexible and resistant, fast drying, outstanding stability inside screen. Suitable for hot foil printing and embossing

Juice resistant

Printing

Roll and flat roll machines for continuous label printing

UV INK

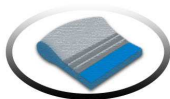


TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 100 to 165 threads/cm
Reports: emulsions and films must be solvent resistant



Squeegees

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



Dilution

UVILABEL inks are ready to use but can be diluted by a few percent using the UV201 thinner



Cleaning

Cleaning with the solvent 77BIO, 77NETX2 or X3 is recommended



Packaging

UVILABEL 1 kg
UVILABEL 5 kg



Mixing

UVILABEL inks can be mixed with the LABELMAT range to adjust brilliance



Storage

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



Drying

The LABELMAT ink will polymerize under a UV dose in the range of 60 to 100 MJ/cm², depending on the mesh and color used. It is possible to speed up the drying process by adding 3 to 5% of LA202. Adding the LA202 will also boost the glossiness.



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.

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.