

Ink Technologies

Aspect

Matte.

Caution: Not to be used on porous matte and white glassin substrates to avoid mottling.

Applications

Printing on paper labels, polyethylene and top coated polypropylene.

Major advantages

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

Printing

Roll machines for continuous label printing.



UVINK



TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 140 to 165 threads/cm.
Reports: emulsions and films must be solvent resistant.



Squeegees

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



Dilution

LABELMAT II 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

LABELMAT II 1 kg
LABELMAT II 5 kg
LM003, LM103 and LM905 are only available in 5 kg pots.



Mixing

LABELMAT II inks can be mixed with the UVILABEL II range to adjust glossiness.

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

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



Drying

The LABELMAT II ink will polymerize with 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.