



" MONOTAC "
One-component glossy inks

General Description

Monotac, one-component ink suitable for printing on pre-treated polyethylene and polypropylene (bottles and sheets).

Monotac ink gives good results even when used for printing on miscellaneous materials like hard PVC sheets, high-impact polystyrene sticks of the kind used by the cosmetic industry. Because of their easy handling and quick drying qualities, these inks are particularly suitable for automatic, high-frequency printing processes. Maximum glossy effect can be obtained through hot-air drying.

Characteristics

Hot-air drying is the process required for obtaining the best chemical resistance and adhesion properties. Because of their nature, we recommend not to use these inks when printing on bottles to be later filled with solvents or highly corrosive liquids. For these applications, use of our POLITAC inks is recommended. (See relevant specification).

Drying time

- Open air drying (in dust-free conditions) = > 5', depending on environmental conditions
- Oven drying at 60°C = 1' to 2'
- Flame drying = a few seconds

IMPORTANT : Monotac inks' flash drying does not provoke obstruction of frame's mesh.
This is because of the inks "self-thinning" properties.

Coverage

Coverage is 50 sqmt/kg for most colours. The coverage of white and other high-coating dyes is only 35 to 40 sqmt/kg.

Thinning:

Various thinners are supplied. The choice of the thinner depends on the printer's velocity as well as on room temperatures (which can be rather high, because of sometimes neighbouring flame hardener). A minimum dilution of between 5 and 10% is recommended.

A great care should be taken in the cleaning of the frame at the end of each printing session. Removal of residual inks after these have dried in the meshes is rather difficult. Universal washing solvent 251 is recommended.



SCREEN INKS

Colour range - Colour samples

Monotac inks are available in 18 standard shades, as results from our colour card. An unlimited number of intermediate shades can be obtained by mixing the different standard colours. It is advisable to prepare gold and silver shortly before use, in order to obtain utmost brightness.

Packaging

All colours are available in 1 Kg. and 5 Kg. tins.

~~*~*~*~*~**

This information is based on our direct experience but it does not answer any real guarantee.