

Ink Technologies

- **Aspect**
Glossy
- **Applications**
Tinplate, aluminum, non-ferrous metals, glass, ceramic, melamine, acetates, polyester, polyurethane, treated polyethylene, PVC
- **Major advantages**
Bi-component ink allowing the marking and decorating of substrates considered difficult to be printed on. High resistance, very stable ink/hardener mixture, usable for up to 48 h (closed pot). Usable in pad-printing
- **Printing**
Automatic and semi-automatic machines

SOLVENT INK

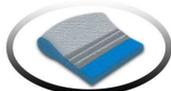


TECHNICAL CHARACTERISTICS



Screens

Fabrics: all mesh types from 60 to 120 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 m²



Dilution

The mixture ink/hardener can be exclusively diluted with the PG201 thinner, the PG 203 retardant or a mix of both with a proportion of 10 to 20 % depending on the mesh.
Hardener: at the time of use, add 10% in weight of the PG hardener to the ink. On substrates where adhesion is very difficult, especially polyesters and lacquered metals, add 10% in PG weight, then 20% of PG.PBI (Polyester Bonding Improver). The shelf life of this mixture is 8 h



Cleaning

Cleaning with the solvent 77BIO, 77NETX1 or X1SE is recommended. After use, the screen should be cleaned immediately as the hardener would render the ink dissolution impossible once drying has taken place inside the screen



Packaging

POLYGLOSS 1 kg

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

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



Adhesion / resistance

In ambient air, the final hardening allowing the adhesion test is obtained after 3 days. A rise in temperature will result in thorough hardening.
Estimates: 5 to 10 min at 150°C or 25 to 30 min at 120°C.
Resistant to alcohols, detergents, mineral oils, cosmetic products, soaps, gasoline, sea water, light hydrocarbons, ketones, aggressive acids and washing liquids



Drying

5 min at 20°C in ambient air. Can be handled after 10 to 20 min



Handling

After extraction of the ink, open pots need to be promptly and carefully closed to prevent any contamination or dust.
The substrates must be dry and dust free. Use an air blower to avoid fluffs from fabrics or other sources. Remove the safeguards and handle the sheets with some cotton gloves to avoid finger marks



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