



" P E R M A F "

Glossy inks

General description:

Owing to special formulation of carefully selected copolymer Resin, Permaf inks are suitable to be printed on almost all plastic materials known on the market. With these inks it is possible to print on Acrylics (Perspex, Plexiglas), Polystyrene, rigid P.V.C. (Cobex), ABS, CAB, Polycarbonates etc. etc.

Permaf are thermoplastic inks with a gloss finish. They have a very mild smell, and a very good resistance to weather agents.

Characteristics:

- very good adhesion on rigid plastic materials
- stretching and vacuum moulding resistance
- suitable for outdoor exposure
- easy printability
- quick drying

Applications:

For their above mentioned characteristics and properties, these inks are used in several fields.

They are mainly employed for printing on plastic panels and on neon signs. These inks have a perfect adhesion and therefore they can resist to stretching and to vacuum moulding operations. But in any case before production it is advisable to make some tests to check the result.

Permaf are used with very good results to print containers and bottles in rigid P.V.C. and Polystyrene with high speed automatic printing machines. These inks have ultra-rapid drying and do not stick when the containers are heaped up coming out of the oven.

These inks are also employed to print P.V.C. and top-coated polyester self-adhesive materials.

They have the advantage to have a mild smell instead of the intense odour of the ordinary vinyl inks.

METHODS OF EMPLOY

Thinning

Before use the inks has to be mixed with recommended thinners at about 10%.

The appropriate thinner should be chosen depending on the materials to print and on room temperature.

Medium Thinner 242 is preferable when increasing of adhesion on some plastic materials difficult to print is required.



SCREEN INKS

Drying

Permaf inks dry by solvent evaporation. Evaporation of solvents is very fast and generally problems of colour sticking do not occur.

In normal room temperature conditions these inks dry up in about 10-15 minutes.

Drying time is remarkably reduced when there is air ventilation that removes the solvent vapours.

Coverage

Printing with a 100 threads/cm. fabric, after 10% thinning a coverage of about 60-70 mq/kg. is achievable.

RANGE OF COLOURS

Permaf inks are produced in all shades of our colour chart of glossy inks. Four transparent colours are also available together with trichromatic colours.

On request it is possible to supply colours that are very light-fast, as it is often required for neon signs and for outdoor exposure.

Matting Extender Base can be also supplied.

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