



**P O L I T A C**  
**Glossy inks**

**Product description**

Politac inks are two pack glossy inks specially recommended for printing on polythene materials (high and low density ) and polypropylene, PET, PETG.

These materials must be flame pre-treated.

Politac inks are very well known in the field of decoration of bottles and containers in polythene for pharmaceutical, cosmetic and industrial use etc...

In these applications Politac are very well introduced and some manufacturer of printing machines expressly suggests the use of this product due to their excellent performances.

Moreover many firms impose that their containers should be printed only with Politac, as they recognize the great qualities of these inks.

**Main characteristics**

Politac inks are much more preferable to ordinary inks for polythene especially when very high speed printing machines are employed. Their main characteristics are the following:

**Ultra rapid drying time**

Evaporation of solvents at room temperature takes 10 – 15 minutes.

In hot air blast ovens at 70-80°C in about 1 – 2 minutes a superficial drying is achievable, which allows the piling and handling of the containers without colour detachment among the single containers. Instant drying is possible by passing the containers through a flame soon after printing.

**Resistance to chemical products:**

After evaporation of solvents a new process of curing begins, giving to the printed ink a complete resistance to products, which are usually packed in polythene containers.

After full curing Politac inks have a complete resistance to detergents, oils, fats, and to many other chemical products. Full curing is achievable at room temperature within 3 – 4 days after printing.

Please consider that humidity can badly influence curing and chemical resistance.

**Adhesion**

After a proper treatment (flame) the adhesion of the ink is very good on all kinds of polythene.

In order to print onto polythene and polypropylene materials is absolutely necessary that possible shortly before printing they undergo through flame treatment.

It is advisable to use a flame with a high oxidizing power, achievable combining a flow of air to domestic gas.

