



TECHNICAL INFORMATION

PASTE INKS

TILLP001

PRIMANOVA SHEETFED OFFSET INKS

PRIMANOVA inks are formulated on the latest technology to meet the needs of the commercial and cartoon printers giving good milage gloss and print quality on a wide range of substrates and presses form conventional single color machines to latest computerized machines.

SUBSTRATES

Printability is good on a wide range of coated and uncoated paper and board. The inks are not designed for use on non absorbent substrates such as metallized paper and plastics.

PRESS PERFORMANCE

PRIMANOVA inks give trouble free printing with wide range of founts and Iso Propanol contents.

SETTING STACK PERFORMANCE

PRIMANOVA inks are fast setting, allowing minimum use of spray powder, although work with high coverage or highly coated stocks may require extra care.

DRYING

Drying is quick and effective with or without IR assistance. If this is used we would suggest keeping stack temperatures below 40 °C, to avoid re-softening of the inks

RUB RESISTANCE

PRIMANOVA inks give satisfactory scuff resistance on a wide range of substrates. However, some substrates are very abrasive, and where no protective varnish is to be used, slight rubbing is expected.

VARNISH AND LAMINATION

Varnishing with UV, Oil and water based varnishes is possible. However, attention should be given to the resistance properties of the inks used. Work should be thoroughly aired before laminating. Specific requirements should be given to DIC when ordering.

LIGHTFASTNESS

PRIMANOVA inks have a reasonable degree of light fastness, but some colors may not withstand prolonged exposure to sunlight. In particular, tints will have lower light fastness than the equivalent full strength color. If lightfast inks are required this should be specified at time of ordering.

OTHER RESISTANCE PROPERTIES

Pigments used are not necessarily resistant to all post printing conditions that may be encountered. Thus, if specific properties are required, such as soap resistance, this should be specified at time of order.

FOUNT SOLUTION

We recommend that manufactures instructions are followed when using fount additives and that Iso Propanol content is not more than 15%. The PH and conductivity should be monitored and the PH not allowed to drop below 4.5.

**BLANKETS &
ROLLERS**

Any oil resistant blanket and synthetic rubber or polyurethane rollers are suitable for use with PRIMANOVA inks.

INK ADJUSTMENT

PRIMANOVA inks are supplied press ready. However, if required viscosity or tack can be adjusted with small amount of reducer. Additions should not exceed 5 % of the ink.

WASH UP

White petrol can be used, although specialized cleaners may prolong the life of blankets and rollers. Although under normal conditions the inks will be overnight duct stable, we do recommend daily cleaning of rollers and blankets.

ODOUR

Generally PRIMANOVA inks are odour less, care should be taken when printing food grade jobs, i.e. do not use linseed oil to reduce the viscosity of inks instead use petroleum distillate. CAP inks are not recommended where 100% odour less job is the requirement.

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This information has been carefully compiled from experience gained in field conditions and detailed laboratory testing. However, the product's performance and its suitability for the customer's purpose depend on the particular conditions of use and the material being printed. We recommend that customers satisfy themselves that each product meets their requirements in all respects before commencing a print run. Since we cannot anticipate or control the conditions under which our products are used, it is not possible to guarantee their performance.

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