

# Multiple Process Printing Guidelines



The majority of multiple print applications are a pre print by litho with over print by laser/copier or inkjet. Applications include printing fixed information by litho with the variable data added at the point of product labelling e.g. sandwich labels where the company information is pre printed and the type, ingredients and sell by dates added at the point of filling.

## Pre print litho - overprint laser (copier)

Follow the normal guidelines for litho printing self adhesive labels and ensure that the correct laser compatible inks are used.

Run press as dry as possible.

Re bag and box as soon as possible after printing.

Leave for at least 5 days, to ensure ink is totally cured and the material has once again reached moisture equilibrium, before laser printing.

Always bear in mind that litho is essentially a 'damp' process with laser or copier the total opposite - hot and dry. The correct choice and treatment of materials is therefore paramount in ensuring a satisfactory result.

**The Patented PCL and PCL3 Digital labels are specifically designed for pre print litho with overprint by laser or copier.**



## Pre print litho - overprint Indigo

In the unlikely event that you wish to pre-print litho with variable information added at a later stage by HP Indigo - follow the normal guidelines for litho printing materials for over print laser.

Keep the use of spray powder to an absolute minimum as this is likely to affect the indigo print receptive surface.

It is highly advisable to perform ink / material compatibility trials before a full print run.

## Multiple laser printing

PCL and PCL3 Digital materials are sufficiently stable to allow multiple passes on laser or copier presses, however it is not to be recommended as the integrity of the sheet may have changed due to handling.

If multiple process laser or copier printing is required it must be completed with any colour laser images as the LAST in the process thus avoiding any toner reactivation..

**Colour laser printers fuse at lower temperatures than mono machines.**

## Litho / Ink jet : Laser/Ink jet printing

The uncoated paper grades suitable for ink jet printing are also laser and litho printable. Keep spray powder to a minimum when litho pre printing so surface absorbency is not changed.