

## Ink Ribbon Guide

Packserv has printing and coding solution for every product. Inkjet Printers are available with inks ready to use on packaging of every colour and production line solutions to maximise your company's production capabilities.

Our main two type of ink in use are the black JP-K28 and yellow JP-Y118 Hitachi Inks. Both of these inks are suited for Glass, PET, PP, PE, Paper, and Metal containers and labels and have an ambient temperature between 0 and 35.

We also stock various sizes of printer ribbon, available in Wax, Resin, and a Combination of the two.

**Wax – Most Cost Effective. Generally used for paper labels or porous label stocks. Does not produce a stable image. Can be easily smudged on gloss or hard surfaces.**

*Products: Shipping Labels, Paper Tags, Price Tags, Some Fax Machines*

**Wax/Resin – Generally used on treated (gloss) paper labels. Produces a harder stable image and not easily smudged.**

*Products: Glossy/Smooth Materials, Synthetics, Vinyl, Barcodes, Food Packaging, Some Fax Machines, Long lasting price tags.*

**Resin – Generally used for Synthetic labels. Produces a very stable image. The ink actually becomes part of the labels. Certain brands of resin ribbon also have chemical or heat resistance.**

*Products: Plastic ID Cards, Barcodes, Pharmaceuticals, Industrial Packaging, Automotive Labelling*

### CSO or CSI?

What is this CSO CSI all about?

Quite simply, the ribbons can be supplied rolled with the "Carbon side Out" or "Carbon side In". This means that the ribbon has the ink on the outside or inside of the rolled film. This is also very important to get right as most printers will only work in one direction.

In general, CSO is the most widely used format but always check the manual or call Packserv for assistance.