



CODING LABELLING INTEGRATION

Sustainable Carton Coding

United Barcode Systems Amlink high-resolution inkjet systems offer a sustainable and economical alternative to applying labels to outer case cartons and shrink-wrapped packs.

Text, barcodes and detailed graphics can be printed at 180dpi vertical resolution x up to 720dpi horizontal resolution onto porous and glossy cartons and shrink-film as well as many other materials



Code more... with so much less



A single 1-litre bottle of UBS Amlink ink can print 200,000 typical outer case carton label designs directly onto cartons eliminating the need for 350Kg of labels.

Of that 350Kg of labels, about 145Kg is made up of backing paper that is virtually impossible to have recycled.

Haulage carbon is also reduced by avoiding the shipping of label materials from Northern Europe to the label manufacturer then on to the end user.

Amlink systems are available with oil-based ink for printing on porous surfaces and with UV-curing inks for printing onto non-porous surfaces including shrink-wrap. UV systems use the latest UV LED technology to instantly cure ink giving a highly durable print on virtually any surface.



United **Barcode Systems**

The facts and figures



Labelled Cartons

| | |
|---------------------------------|-------------|
| Label size: | 100 x 120mm |
| Weight for 200,000 labels: | 350Kg |
| Price per 1000 labels: | £5.50 |
| Total label price: | £1,100 |
| Ribbons (110mm x 450m): | 55 |
| Price per ribbon: | £5.00 |
| Ribbon price per 200K labels: | £275 |
| Total price labels and ribbons: | £1,375 |
| Backing paper waste: | 145Kg |
| Non-recyclable | |



UBS Aplink Printed Cartons

| | |
|--------------------------------------|------------|
| Print area: | 70 x 170mm |
| Ink weight for 200,000 prints: | 1Kg |
| Total ink price for 200K prints: | £295 |
| 1Kg vs 350Kg shipping weight | |
| No backing paper waste to dispose of | |
| Printed inline - no hand-applying | |
| Virtually no packaging waste | |

Aplink oil-based and UV-curing inks comply with EuPIA, REACH, CLP and Swiss Regulatory Chapter 6 requirements and contain no Volatile Organic Compounds (VOCs). In addition, no NVC, ITX or Pyrrolidones are present in UBS inks.

UBS oil-based ink is free from mineral oil and meets the requirements of FEFCO for the recycling of corrugated board.



100% mineral oil free ink



Registration, Evaluation, Authorisation & Restriction of Chemicals Hazardous to Health



Low migration & ITX free



NVC free



Oil-based ink meets FEFCO requirements for recycling corrugated board



European Printing Association



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