

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



1-Litre of UBS ink

350Kg of labels

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 and generally ends up in landfill or incinerated.

Haulage carbon is also greatly reduced by avoiding the shipping of label materials from Northern Europe to slitting plants in the UK then to the label manufacturer and finally on to the end user - that's 3 journeys for 350Kg of material compared to 1-litre of ink.

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.

The facts and figures



Labelled Cartons

Label size:	100 x 120mm
Weight for 200,000 labels:	350Kg
Price per 1000 labels:	£8.75
Total label price 200K labels:	£1,750
Ribbons (110mm x 450m):	55
Price per ribbon:	£6.50
Ribbon price per 200K labels:	£357
Total price labels and ribbons:	£2,107
Backing paper waste: (Normally landfill or incinerated)	145Kg



UBS Aplink Printed Cartons

Print area:	70 x 170mm
Ink for 200,000 prints:	1-litre / 1Kg
Total ink price for 200K prints:	£325
1Kg vs 350Kg shipping weight and fewer journeys in the supply chain.	
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 so printed cartons can be recycled as normal.



100% mineral-free
oil-based ink



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



Low migration
& ITX free



NVC free

FEFCO
European Federation of
Corrugated Board Manufacturers

Oil-based ink meets FEFCO requirements
for recycling corrugated board



European
Printing Association



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