Guide To Printing Envelopes

using the

Comcolor X1 Series
(9150, 7150 and 3110 Models)

This guide is designed to help clarify the situation regarding the feeding and printing of envelopes on the Comcolor X1 Series range of full colour inkjet printers.

Listed in this guide you will find instructions and the necessary specifications to ensure that firstly the recommended type of envelope stock for the particular machine is being used and secondly the Riso printer is in the required configuration.

It is vital that any instructions are fully adhered to as any deviation will almost certainly result in poor feeding, jams and potential damage to the inkjet heads of the printer.

The envelope type recommended in this guide are based on successful internal tests and experience in live installations. However, due to the wide variation in envelope manufacturing, quality and storage conditions we cannot fully guarantee any envelope's performance.

PLEASE NOTE:

To print and deliver envelopes on the Comcolor X1 Series a optional delivery tray must be fitted:

S-4853	Auto Control Stacking Tray
S-3370	Wide (Precision) Stacking Tray

Either of the above are suitable, parts for connection may also be required - please ask for details.

The above are the only delivery trays are suitable for this purpose, you **should not** use the Face Down Tray, Face Down Offset Stapler or the Multifunctional Finisher to deliver envelopes.

RISO (UK) Limited

SUITABLE ENVELOPES FOR COMCOLOR X1 SERIES

SUITABLE ENVELOPES

Envelopes are manufactured in a vast number of different combinations of size, weight, adhesive and flap type not all of which are suitable for overprinting on the Comcolor X1 series.

We have conducted a series of evaluation tests to determine which envelope types can be recommended for use and the results shown in the following charts:

ENVELOPE TYPES

ENVELOPE ADHESIVE			FLAP TYPE				OTHER TYPES		
GUMMED	SELF SEAL	PEEL & SEAL	OPEN	CLOSED	WALLET	POCKET	WINDOW	BOARD BACK	GUSSET
YES	NO	NO	YES	YES	YES	YES	YES	NO	NO
			Note 1				Note 2		

ENVELOPE SIZES		ENVELOPE WEIGHTS	
FROM STANDARD FEED TRAY		up to 100gsm	over 100gsm
Min **C6** up to	Max **C4** ***	YES	Not Recommended

Note 1: *Open flap Self Seal are not considered suitable as the adhesive can transfer onto machine parts*
Note 2*: Although these type envelopes have fed successfully they cannot be fully recommended due to the differing position and nature of window types.*

***The Comcolor 3110 has a maximum print width of 210mm and will print with a minimum 10mm side border on a C4 envelope.*

SIMPLEX ONLY

Envelopes should only be fed from the **Standard Feed Tray** or High Capacity Feeder and printed **simplex only** no attempt should be made to print duplex or double sided as damage to the machine may well occur

Any envelope with a closed flap must be loaded and fed with the flap face down to avoid any contact with the printheads.

MACHINE ADJUSTMENTS

Before printing on envelopes the operator must ensure the "Paper Type" of the Standard Feed Tray is configured to "Envelope" and the "Paper Type" size matches that of the envelope. If necessary an appropriate "Custom Paper Size" should be set up on the macine and then selected.

For full details please refer to the User Guides

NOTE. When in "Envelope" mode the Comcolor will run at a reduced speed of approxamately 80 to 85ppm.

ENVELOPE CONDITION

The condition of any envelope to be printed on the Comcolor X1 Series is absolutely critical, curl normally attributed to the stocks age and or to poor storage is often the biggest issue.

Curled or "dog eared" stock will inevitability create problems inside the printer with a high risk of jamming