



# MAX3

very aggressive  
difficult substrates

Our MAX3 is a water/solvent, pigment ink that was specifically designed for PVC and plastic card printing. It will also print on aqueous coated paper, varnished media and other difficult non porous substrates.

## Ink Features

Ink name	MAX3
Ink part number	TWK-1396
Target Substrates	PVC, plastic cards, & aqueous media
Fluid Base	water/solvent
Colorant type	pigment
Drop volume	TBD
Drop speed	TBD
Throughput volume before cartridge failure	< 600 ml
Shelf life single use cartridge	1 year from date of fill
Shelf life modified cartridge	6 months from date of fill
Runs in bulk supply station	yes
Decap time	2 hours
Optical density	0.95 @ 600 x 300 dpi on bond
Operating Conditions	10 to 40°C
Storage Temperature	10 to 30°C
Additional Shipping Requirements	none

## Recommended Printer Settings

Pen driver voltage:	10.2V
Fire pulse length:	2.2 microseconds
Fire pulse warming temperature (on or off):	Off
Rec pulse warming variable:	40°C
Dryer assistance needed:	Yes
Type:	N/A

## Cartridge Maintenance & Handling

- When cleaning the printhead, use a lint-free cloth moistened with de-ionized water.
- Wipe slowly and lightly across tip of the long edge with the printhead facing down.
- Forcing the wipe or using a dry cloth with scratch the printhead
- Using a cloth with lint may clog the nozzles

## Cartridge Storage

- Less than 1 day down: Leave cartridges in machine and wipe and purge before next use.
- More than 1 day down: Remove cartridges from machine and place a cartridge clip over the head. (available from Collins) Wipe and purge before use.
- Storing cartridges in an airtight container with a damp cloth or sponge, will prevent them from drying out.
- Using a cloth with lint may clog the nozzles