



MAX₂

very aggressive
difficult substrates

Our MAX₂ 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	MAX ₂
Ink part number	TWK-1386
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