

# High Density Ink

## GENIUS

### Signature

# X4



**Dye ink formulated to produce high density, high durable printing, even at low resolution!**

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X4 is a dye ink formulated to produce beautiful, sharp printing with high scratch resistance even at low resolution settings on porous substrates, such as craft paper, corrugated paper, clay coated paper, wood and more. The High Density dye ink X4 offers excellent versatility.

# High density ink is achieved with this durable inks.



Prints on porous materials, is highly waterproof with excellent light-fastness and is quick-drying.

X4 is highly waterproof and exhibits excellent light fastness able to print on a wide range of porous materials (craft paper, clay-coated and wood etc.). No dryer is required to print at high speeds..

## Long De-cap time

De-cap time (Open time) of 1 hour or more under normal conditions.

Significantly improved ease of maintenance.

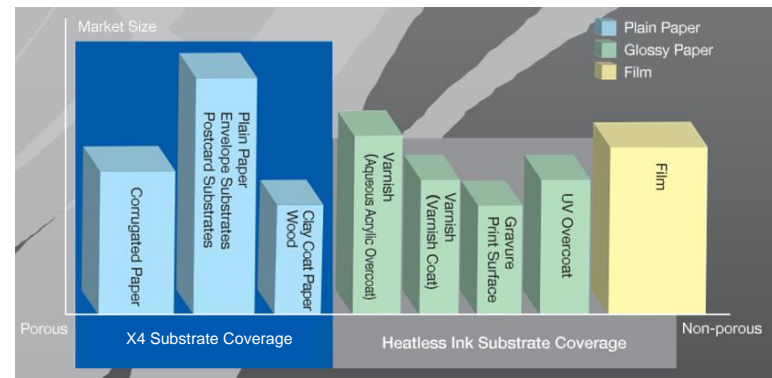
## Highly reliable “Genuine” HP-manufactured cartridge.

This ink is filled into genuine, original HP manufactured cartridges under a license from Hewlett Packard Specialty Printing Systems.

## Specifications

Cartridge	HP 45A
Color	Black
Ink Type	Aqueous Ink
Printing Parameters	Voltage: 11.0V / Pulse Width: 1.90µs
Pulse Warming	OFF, (If required,40°C)
Shelf Life	One year from fill date.
Heater Requirements	No dryer necessary, air dry.
Storage Condition	15°C (59F) ~ 35°C (95F), Do not store in extremely hot or cool condition.
Head Cleaning	Clean with DI water and tech wipe
Maximum Frequency	12kHz

## Compatible Substrates



### ■ Ink Handling and Maintenance

- This formulation uses a dye that is resistant to water for short periods of time, but is not recommended for use with materials exposed to water for long periods of time or immersed in water.
- If nozzles become blocked, please clean printhead soft cloth and Deionised water. Do not use a cloth that is not weaved.
- When the cartridge requires maintenance, gently wipe the printhead with soft cloth along the direction of the nozzles.
- Because print quality varies depending on the application and environment, it is recommended that you test print on samples first.