

**GENERAL**



Image-quake

# High Density Ink HD119



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

HD119 is a hybrid ink formulated to produce beautiful high density print even at low resolution settings on porous and semi porous substrates, such as craft paper, corrugated paper, clay coated paper, wood and more. The HD119 is practical and energy efficient.

GENERAL Pineapple  
LOT No: ABCD1234

GENERAL Co.,Ltd.  
2-19-9, Taito, Taito,  
Tokyo JAPAN 110-0016

LOT No: ABCD1234

Production Date: 2012/07/09  
Exp Date: 2022/07/09

# High density ink formulated to print high resolution barcodes.

## Prints on porous and semi-porous materials, and is highly waterproof and light-fast

Being highly waterproof and able to print on a wider range of porous and semi-porous materials (craft paper, corrugated paper, clay-coated paper, wood etc.), it is now possible to print on any number of materials with a single ink.

## Long de-cap time

De-cap time of 1 hour or more under normal conditions\*. Significantly improved ease of maintenance.

\* May vary depending on usage conditions.

## Highly reliable “Genuine” HP-manufactured cartridge

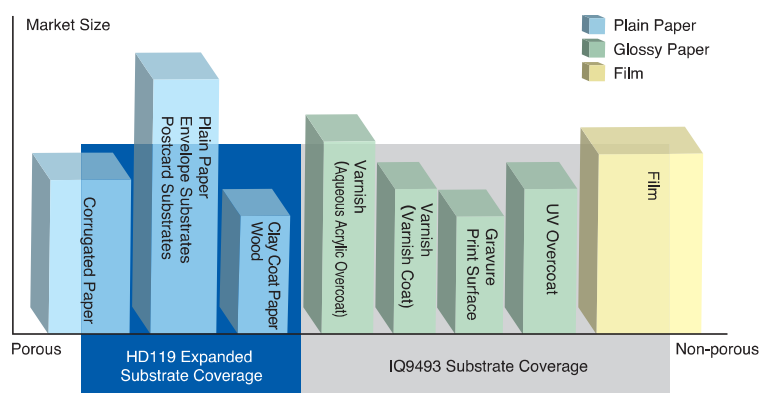
Under a license from Hewlett Packard Specialty Printing Systems, this ink is filled into genuine, original HP manufactured cartridges.



## Specifications

Cartridge	45A
Color	Black
Ink Type	Aqueous Ink
Printing Parameters	Voltage: 11.0V / Pulse Width: 1.90μs
Pulse Warming	ON, 40°C
Shelf Life	One year from fill date.
Heater Requirements	No dryer necessary, air dry.
Storage Condition	15°C(59F) ~ 35°C(95F), Store in room temperature. Keep the direction of nozzle UP.
Head Cleaning	Clean with DI water and tech wipe
Maximum Frequency	12kHz

## Compatible Substrates



## Ink Handling and Maintenance

- This product is used dye which has water resistance to certain extent, but it is not recommended to place the substrate printed with this ink in a water environment.
- If clogging nozzles occurs, please clean printhead soft cloth with DI water. (Please do not use cloth is not weaved.)
- Whenever the cartridge needs maintenance, please down the direction of printhead and wipe gently and lightly along the direction of the nozzle.
- Please sufficiently to test sample because the print quality depends on use or environment.

## < About General Company >

General Company was established in 1914 as a manufacturer of carbon paper. With the founding principles of “Creativity and Innovation,” our company now manufactures inkjet cartridges, thermal transfer ribbons, and office supply products for the global marketplace. General Company has offices in Tokyo and Osaka, with a manufacturing and distribution facility in Shiga Prefecture. We also have sales teams in Asia Pacific, Europe, and North America.

<http://www.general.co.jp/>

## General Co., Ltd.

**Tokyo Headquarter** : 3-6 Nishikanda 1-chome, Chiyoda-Ku, Tokyo, 101-0065 Japan  
TEL: +81(0)3 5283 8640 FAX: +81(0)3 5283 8641

### [Asia Pacific]

**Shanghai Osaka General Commerce & Trading Co., Ltd.** : Unit.C 3F, Zao-fong Universe Building, No. 1800 Zhong Shan Xi Road, Shanghai, China, 200235 TEL: +86(0)21 6440 1196 FAX: +86(0)21 6440 1886 E-mail: [bunji\\_sai@general.co.jp](mailto:bunji_sai@general.co.jp)

**General Asia Pacific Marketing Sdn.Bhd.** : B-09-07, Menara Prima, Jalan PJU 1/39, Dataran Prima, Petaling Jaya, Selangor, Malaysia  
TEL: +603 7886 0888 FAX: +603 7886 8989 E-mail: [yukinari\\_ishida@general.co.jp](mailto:yukinari_ishida@general.co.jp)

**[Europe] General s.r.l.** : Via Giacomo Leopardi, 29 20123, Milan, Italy

TEL: +39 02 45486203 FAX: +39 02 4548 6216 E-mail: [general@generalsrl.eu](mailto:general@generalsrl.eu)

**[USA] General Imaging America, Inc.** : 22875 Savi Ranch Parkway, Unit G Yorba Linda CA 92887

TEL: +1 657 236 7312 E-mail: [keita\\_kitada@general.co.jp](mailto:keita_kitada@general.co.jp)