

LC

HP® TIJ 2.5



- ▶ Fast Curing
- ▶ Highly Durable
- ▶ Extremely Black

UV LED curable Inkjet Inks for HP® 45A Cartridges

LC inks deliver extremely black print on a wide variety of substrates such as coatings, most plastics, metal, and glass. They produce highly durable print with exceptional permanence.

LC Ink Range

(UV curable inkjet inks for HP® 45A cartridges)

LC

LC Black

LC Pro

(odorless)

LC Pro Black

Targeting Your Application



- ▶ Product Identification
- ▶ Labeling
- ▶ Card Printing
- ▶ Security Printing

Available Colors: 

Licensed partner of:



TRITRON USA, INC.

P.O. Box 2279
Chester, VA 23831
USA

phone: +1 973 228 7007
email: info@tritonusa.com
web: www.tritonusa.com

Ink Characteristics

Ink Type	Solvent/Pigment
Target Substrates	Laminate, Varnishes, Coatings, Plastic, Metal, Glass
UV Dose	300 mJ/cm ²
Irradiation	Preferred @ 395 nm
Prewarming	60 °C
Pulse Warming	50 °C
Decap	30 s
Minimum Resolution	600 x 300 dpi
Shelf Life	6 months (@ 21 °C)

Printer Settings

Operational Voltage	9.2 V
Pulse Width	2.4 μs

LC



Storage

Store cartridges tightly closed in a well ventilated area at a controlled temperature range between 4 °C (39 °F) and 21 °C (69 °F). Protect from exposure to light. The precautions are necessary to standardize the properties of the product.

Curing

LC inks are UV and UV LED curing inkjet inks. They can be cured with UV LED sources as well as UV lamps, such as gas discharge lamps and microwave-powered mercury lamps.

Ink Description

LC is an alcohol-based UV curing pigmented ink that has been specially developed for printing onto non-porous media utilizing HP® Thermal Inkjet technology.

Maintenance and Handling

The decap time of LC amounts to approximately 30 seconds. Cartridges that remain uncapped for longer than 30 seconds may be recovered by purging or printing a solid block. To clean a cartridge, place it with the nozzle plate facing down on a lint-free, non-tearable Texwipe®. Lightly draw the nozzle face across the wipe until ink from both nozzle rows appears in the form of two stripes. In case of persistent clogging, carefully wipe the nozzle face with a LC ink-soaked Texwipe®, wiping in a circular motion.

Product Offering

All inks listed below are available in new, never used or never re-filled cartridges for TIJ 2.5 technology.

Part No.	Description
XH 05100	LC Black
XH 05200	LC Pro Black (odorless)

Licensed partner of:



North America

TRITRON USA, INC.

P.O. Box 2279
Chester, VA 23831

USA

phone: +1 973 228 7007
email: info@tritonusa.com
web: www.tritonusa.com

Headquarters (EMEA)

TRITRON GMBH

Bahnhofstraße 26
35088 Battenberg

Germany

phone: +49 6452 9398 0
email: info@triton.org
web: www.triton.eu

Asia Pacific

TRITRON ASIA LTD.

6/F Luk Kwok Centre
72 Gloucester Road, Wan Chai

Hong Kong

phone: +852 9173 8700
email: info@tritonasia.com
web: www.tritonasia.com