

PRODUCT DATA SHEET

Solvent Black - 45si Print Cartridge



SPECIAL FEATURES

- Fast drying time
- Highly durable
- Long decap time
- Perfect adhesion on non-porous media
- Smear, fade, and water resistant

CODING AND MARKING

- Secondary packaging
- Cards

INDUSTRIAL CODING

- Wire, cable, and pipe
- Building material

Solvent Black

It's time to start printing at the highest level, Solvent Black ink offers extreme long decap time and fast drying time that best suit your daily printing needs. Moreover, Solvent Black delivers extremely black and high-resolution prints on a wide variety of demanding substrates such as coatings, plastics, and metal. In combination with HP's improved HP 45si print cartridge, Solvent Black allows you to print faster than ever before.

DESIGNED FOR MARKING AND CODING APPLICATIONS

Solvent Black ink produces highly durable and smear-resistant images. Due to its superior optical density printings will not fade away after extended periods of time.

BOOST OF PRODUCTIVITY

Solvent Black ink offers long decap time to increase your productivity – simply pause and restart your production line without maintaining the cartridge, even after longer breaks up to 1 day. Drying time is very short which enables Solvent Black ink to print at faster speeds (assistance of a dryer is not required).

DELIVER RELIABLE AND HIGH-RESOLUTION PRINT-QUALITY

Solvent Black ink produces crisp and high-quality images, sharp text as well as consistently readable barcode symbologies on a wide range of demanding substrates without smearing.

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TECHNICAL SPECIFICATIONS

Cartridge type	HP 45si
Ink type	Solvent
Target substrates	Laminate, varnishes, coatings, plastics, metal
Operational voltage	7.4 V
Pulse width	2.4 μ s
Pulse warming	Off
Nozzle count	300
Print swath	12.7 mm (0.5 in)
Throw distance	Up to 5 mm (0.2 in)
Average drop volume	30 pl
Shelf life	6 months
Decap	> 1 day
Resolution	Up to 600 dpi
Storage	Store cartridges tightly closed in a well ventilated area at 21 °C (69.8 °F).
Maintenance	Use a lint-free, non-tearable Texwipe® to clean cartridge. In case of persistent clogging, carefully wipe the nozzle face with a Solvent Black ink-soaked Texwipe®, wiping in a circular motion.

PRODUCT OFFERING

All inks listed below are available in new, never used or refilled cartridges for TIJ 2.5 technology. Tritron is a licensed partner of HP® to fill brand new 45A and 45si cartridges.

PRODUCT LINE

Part No.	Description
XH 00852	Solvent Black

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