

IQ431



High alcohol-resistant white print with SVHC compliance

IQ431 is a UV-curable white ink with no SVHCs (REACH 29th update), designed as the successor to the IQ131. It delivers comparable print quality and high alcohol resistance, making it ideal for industries such as pharmaceuticals, automotive, and electronics.

Features

- Excellent resistance to alcohol exposure.
- Superior rub resistance for expanded application possibilities.
- UV-LED curing is required for adhesion on non-porous substrates.
- Compliant with the 29th REACH SVHC update and RoHS. PFAS-free.

Specification

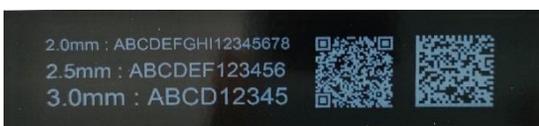
Cartridge	HP 45si (1/2")
Color	White ●
Ink grade	UV
Parameters	9.0V, 2.0μs
Pulse warming	Off
Shelf life	5 months from fill date
Storage temp.	15-35°C
Max frequency	12kHz

Suggested substrates

OPP	PP	PET	PE
PVC	Rubber	Glass	AL
Coated paper	Carton	Paper	Wood

Remarks

- Refer to SDS before use for safe handling.
- Before use, shake the clipped cartridge for about 30 sec with its head down. Wipe the printhead gently with a dry lint-free cloth.
- Recommended lamp condition :
 - $\geq 8W$ 385nm
 - 2mm distance between lamp and media
 - Expose light 2-5 sec after printing*This can be varied depending on condition.
- After use, seal the printhead with the originally attached cartridge clip and store the cartridge with the position of its printhead UP until next use. Keep the cartridge in light proof package is recommended to avoid clogging.



300x600 PVC



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- All technical information here is based on our laboratory evaluation and can be varied by real condition. Not always guaranteed.
- Conducting print test under user's real use condition is recommended to avoid any unexpected issues.
- The contents are subject to change without notice, so please contact us for the latest information.
- The image is for reference only. The color or quality may differ from the actual product.



Ink by GENERAL CO., LTD.