

IQ430



High alcohol resistance, high density, and SVHC compliance

IQ430 is a UV-curable black ink with no SVHCs (REACH 29th update), designed as the successor to the IQ130. It delivers comparable print quality and superior alcohol resistance, making it ideal for 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	Black ●
Ink grade	UV
Parameters	9.0V, 2.1μs
Pulse warming	Off
Shelf life	5 months from fill date
Storage temp.	15-35°C
Max frequency	12kHz

2.0mm : ABCDEFGHI12345678
2.5mm : ABCDEF123456
3.0mm : ABCD12345



300x600 PVC

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, 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.
- The UV-LED lamp product that used to develop this ink is also commercialized by General Co., Ltd.. Contact us for more information.



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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.
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