



Thermal Inkjet (TIJ) Inks

WLK660083A

Description

Cool Black ink WLK660083A is proprietary Videojet solvent ink packaged in genuine HP® cartridges. This ethanol-based ink was specifically designed for printing on flexible packaging where customers are looking to print high-quality codes with an ink that has a quick dry time and excellent adhesion with minimal maintenance.

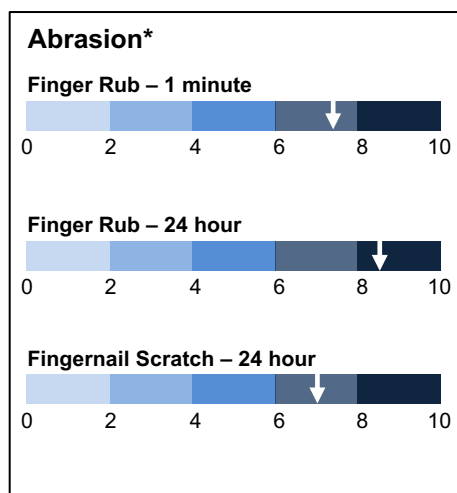
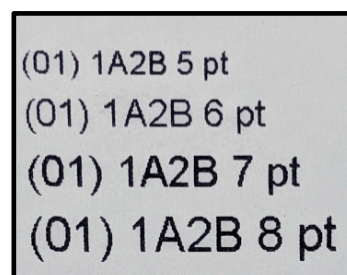
Primary Benefits

- Industry leading 12-month shelf life
- Wide operating range of 5-40°C (41-104°F)
- Superior uptime in typical packaging environments
- No CMRs (Carcinogens, Mutagens, Reproductive Toxins)
- Low odor ethanol formulation

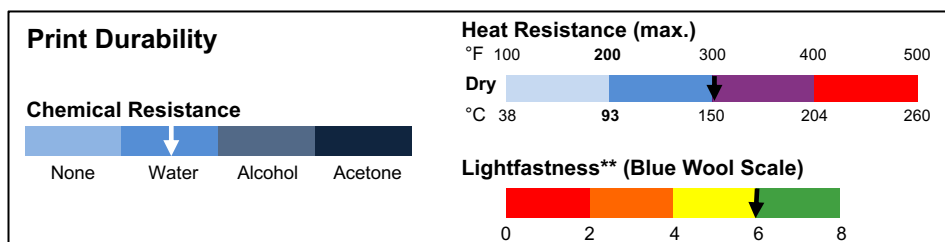
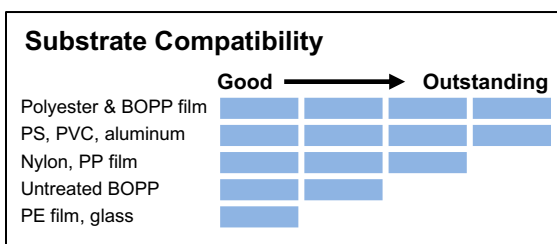
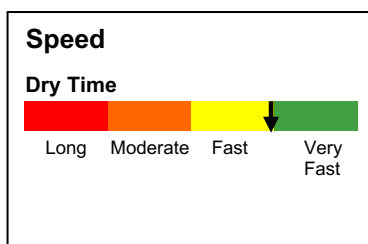
Target Applications

Cool Black ink is ideal for:

- Flexible packaging used for FMCG products
- Low temperature environments
- Coated cartons or glossy labels used in high end cosmetics, pharmaceuticals or other consumer goods
- Blister packs and foils where excellent wetting is required



* Average results of target substrates



** Testing was concluded at a Blue Wool Value of "6". Actual results may be better

WLK660083A

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Specifications

Solvent type

Ethanol

Color

Black

Cleaner

IPA with lint free wipe as needed

Shelf-life

12 months

Storage conditions

2-35°C (36-95°F)

Store in originally sealed pouch until time of use

Operating temperature¹

5-40°C (41-104°F)

Operating humidity

30-70%

Minimum Delivered Ink Volume² (DIV)

30 mL

Drop size

31 pL

Special use considerations

Operating humidity

- At humidities <30% , cartridges may exhibit inconsistent decap times less than one hour. A pre-run ink purge / spit may be used to improve first code recovery.
- At humidities >70%, dry times will increase for bold codes (such as graphics; 2D codes; or large, bold characters). Lower resolutions are recommended in environments with high humidity.

Usage conditions

- Once the originally sealed pouch has been opened, cartridges should be consumed within 4 weeks to avoid potential loss of print quality and/or decap. As with all solvent TIJ inks, printing in temperatures >35°C (95°F), or at high print rates, could lead to early ink outages.

¹ Uppercase fonts are recommended when printing at below 10°C (50°F) to avoid potential dangle loss

² DIV values presented are estimated based on internal test results. DIV will vary by application; these values are for reference use only.

Certifications and approvals

WLK660083A ink was responsibly designed and manufactured to maximize contrast, adhesion, and uptime while meeting safety, environmental, and regulatory requirements. Every batch is tested to ensure it meets strict quality control specifications.

Heavy metals

WLK660083A ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.*

RoHS/WEEE

WLK660083A ink meets the requirements of the RoHS 2 Directive 2011/65/EU and Directive (EU) 2015/863. For more information, refer to Knowledge Article 1159.*

REACH

WLK660083A ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.*

Halogens

WLK660083A ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.*

Other

- WLK660083A ink does not contain major allergens, animal-based raw materials, nor organisms, genetically modified or not. For more information refer to Knowledge Articles 1148, 1190, and 1152.*
- WLK660083A ink:
 - Contains no MEK, Acetone, or Methanol
 - Contains no Japan ISHL Class 1 or 3 Organic Solvents
 - Contains no European Printing Ink Association (EuPIA) Exclusion List materials
 - Is not a CMR classified product

System compatibility

Videojet® 8520

Wolke m610® touch

Wolke m610® oem

Wolke m610® advanced

* Environmental, health, safety, and regulatory information can change without notice. Consult the current Safety Data Sheet (SDS) which is available on the Videojet website. Knowledge Articles are available by calling or emailing Videojet.

Order supplies shop.videojet.com

Call **800-843-3610**

Email info@videojet.com

Or visit www.videojet.com

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