



1580/1860 Inks

V4218

Description

V4218 is a flexible plastic, black MEK ink qualified for use in the Videojet 1580 and 1860 continuous inkjet (CIJ) printers. This ink is ideal for use in high-speed applications and has excellent penetration and resistance to animal fat, grease, oil, and condensation, which are commonly found in meat and poultry applications.

Benefits

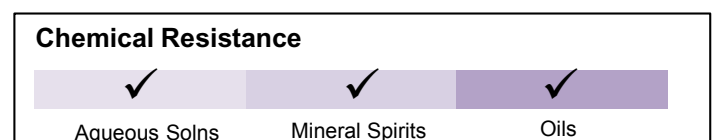
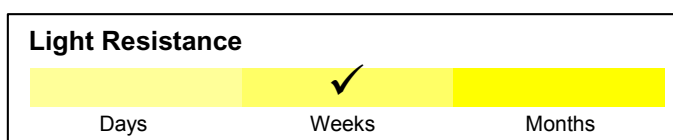
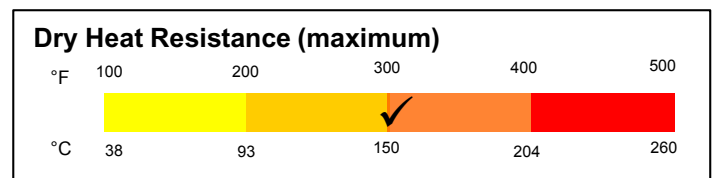
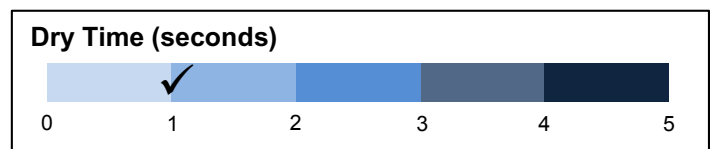
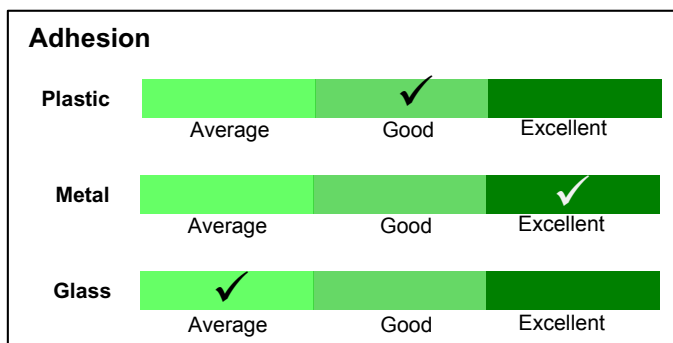
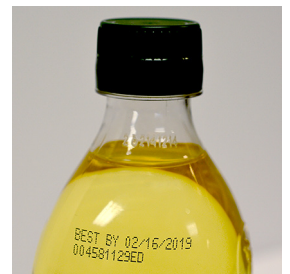
- Penetrates thru thin layers of animal fat, oils, and condensation
- Resistant to food cooking temperatures, steam, and retort
- Resistant to natural fats and oils found in meat, poultry, salad dressing, and nuts
- Resistant to acids, bases, Mil Spec Solvent C, mineral spirits, vegetable and motor oils

Applications

This ink is used for coding and marking meat, poultry, frozen, and refrigerated foods where animal fats, grease, oil, and condensation are commonly found. This ink can penetrate through thin layers of oil or moisture if present before printing and it will withstand exposure to oil and water after printing.

V4218 delivers excellent adhesion to a wide variety of substrates, including: acrylonitrile butadiene styrene (ABS), aluminum, polystyrene, polycarbonate, polyester, steel, and nylon.

No MEK/Low VOC (V930) and no Drug Precursor (V940) cleaners are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4218	Ink	Black	MEK	750 ml (-D), 1000 ml (-L)	15 months*
V7205	Make-up	Colorless to pale yellow	MEK	750 ml (-D), 1000 ml (-L)	24 months*
V901	Cleaner	Colorless to pale yellow	MEK	1 liter (-Q)	30 months*
V930	Cleaner	Colorless to pale yellow	Acetone/Ethanol	1 liter (-Q)	30 months*
V940	Cleaner	Colorless to pale yellow	Ethyl Acetate	1 liter (-Q)	30 months*

Storage

*Store between 2°C and 35°C.

Printer Parameters

Qualified Models	Operating Temperature	Operating Humidity	Nozzle Compatibility
1580, 1860	5 - 45°C	10 - 90%	60µm, 70µm

Certifications and Approvals

iQMark™: V4218 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: V4218 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS/WEEE: V4218 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: V4218 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Halogens: V4218 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For more information, refer to Knowledge Article 7920.**

Food Packaging: V4218 ink may be used on the non-food contact side of food packaging. The packaging must provide a barrier between the ink and the food. When used in this manner, the inks are in compliance per 21 CFR 170.3(e)(1), Regulation (EC) No. 10/2011, and Regulation (EC) No. 2023/2006. For more information, refer to Knowledge Article 7921.**

Other: V4218 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.**

**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.

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