



Continuous Inkjet Inks

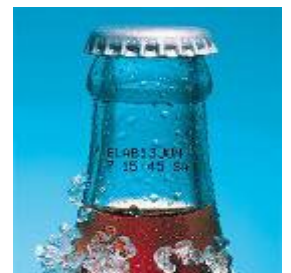
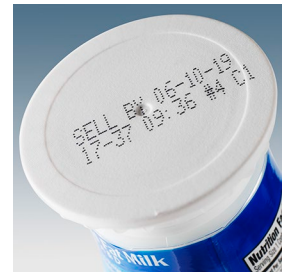
V4250

Description

V4250 is a black no MEK alternative solvent ink with lower make-up consumption than typical MEK based inks such as Videojet V4210. Similar to V4210, V4250 was designed to resist condensation formation common in cold-fill, non-returnable, beverage applications. This ink is ideal for use in high-speed applications for a wide variety of substrates such as glass, plastic bottles, and cans, particularly in hot and humid environments and/or on substrates with moisture present due to cold filling, refrigeration, or freezing. It is qualified for use in Videojet continuous inkjet (CIJ) printers.

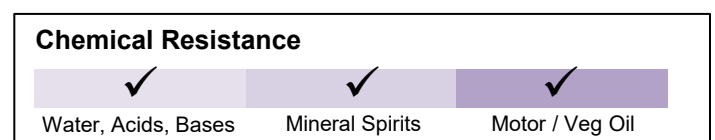
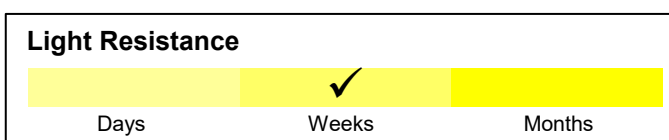
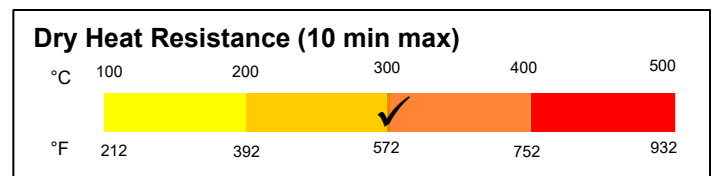
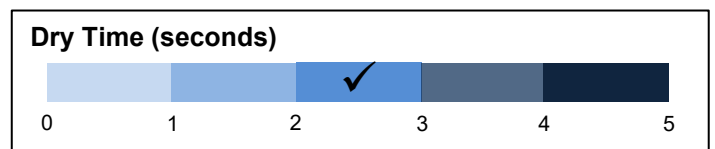
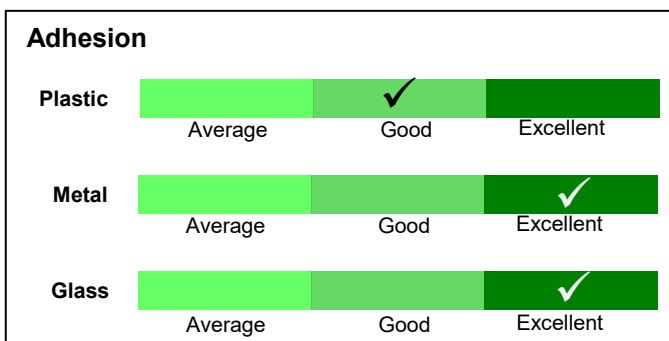
Benefits

- iQMark™ Safer and more sustainable
 - No MEK, no acetone, no methanol
 - No CMR's (Carcinogens, Mutagens, Reproductive Toxins)
 - Up to 50% less make-up consumption than V4210
 - Less plastic and cardboard waste
 - Lower VOC emissions and fewer printer touches
- Penetrates thin layer of condensation
- Survives pasteurization and retort processes
- Resistant to acids, bases, mineral spirits, and oils
- Performance similar to V4210 Videojet beverage ink
- Chase conversion compatible with V4210 Videojet beverage ink for immediate use with no system flush required



Applications

This ink is used for coding and marking cold-fill food and beverage packaging, such as aluminum cans and kegs, coated aluminum or steel bottle caps, two and three-piece tin-free steel cans, stainless steel kegs, acrylonitrile butadiene styrene (ABS), polystyrene, non-returnable glass bottles, polycarbonate, polyester, PET soda bottles, polyolefin twist off caps, yogurt cups, and nylon.



V4250

Continuous Inkjet Inks

Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4250	Ink	Black	MPK/Ethanol	750 ml (-D) 1000 ml (-L)	18 months*
V7250	Make-up	Colorless to pale yellow	MPK/Ethanol	750 ml (-D) 1000 ml (-L)	24 months*
V916	Cleaner	Colorless to pale yellow	MIPK	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
1240, 1280 s/w V41241 or later 1580, 1860, 1880	0-50°C	10-90%	60µm, 70µm

Certifications and Approvals

iQMark™: V4250 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. V4250 ink does not contain MEK, methanol, acetone, phthalates, polycyclic aromatic hydrocarbons, mineral oil, organotin compounds, halogenated hydrocarbons, photoinitiators, bisphenol A (BPA), major allergens, animal based raw materials, nor organisms, genetically modified or not. For information, refer to Knowledge Articles 1148, 1190, and 1152.**

Product Packaging: V4250 ink, make-up, and cleaners are shipped in sustainably forested, FSC® certified, cardboard boxes. Ink and make-up cartridge components and cleaner bottles are recyclable. For information, refer to Knowledge Article 14286.**

Food Packaging: V4250 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 information, refer to Knowledge Article 7921.**

Heavy Metals: V4250 ink meets the requirements of CONEG model legislation including 94/62/EC. For information, refer to Knowledge Article 1153.**

RoHS: V4250 ink meets the requirements of the RoHS 2 Directive 2011/65/EU and Directive (EU) 2015/863. For information, refer to Knowledge Article 1159.**

REACH: V4250 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For information, refer to Knowledge Article 1156.**

Halogens: V4250 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For information, refer to Knowledge Article 7920.**

Japan: V4250 ink meets both the Japan Printing Ink Manufacturing Association guidelines and Japan ISHL Class 2 Organic Solvent List. For information, refer to Knowledge Article 17886.**

**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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