



Continuous Inkjet Inks

V4240

Description

V4240 is a black non-CMR, non-ethanol MEK-based ink. Similar to V4210 and V4210A, V4240 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.

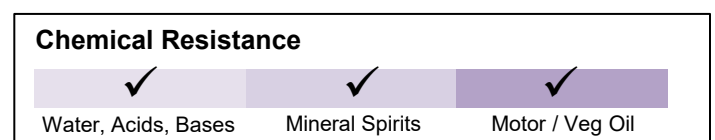
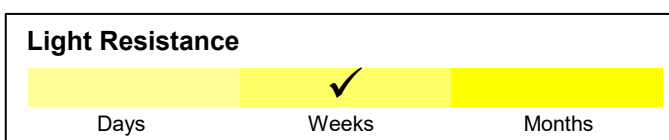
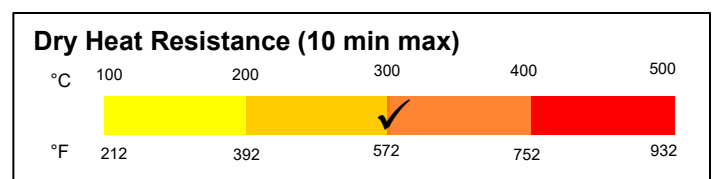
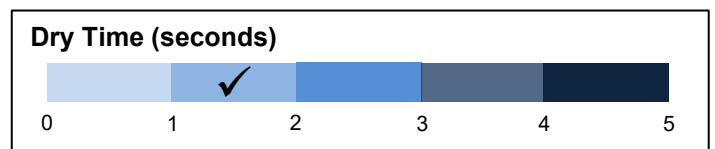
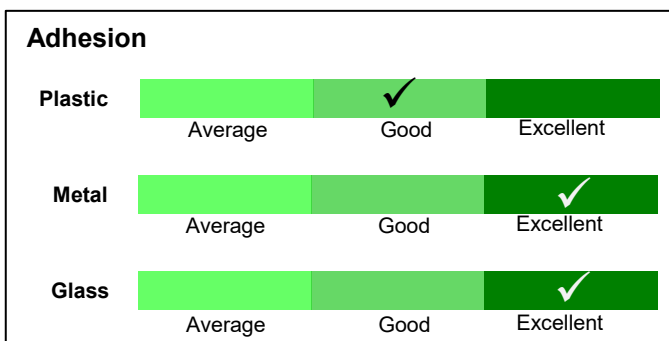
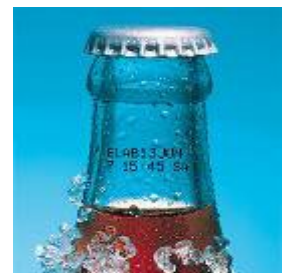
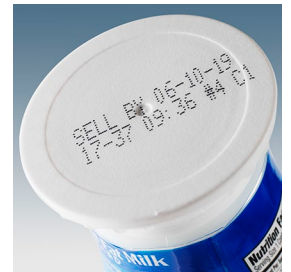
Benefits

- Non-CMR version of V4210 and V4210A Videojet beverage inks
- Penetrates thin layer of condensation
- Survives pasteurization and retort processes
- Survives refrigeration and ice water immersion processes
- Resistant to acids, bases, mineral spirits, and oils
- Performance similar to V4210 and V4210A
- Chase conversion compatible with V4210 and V4210A with no flush required
- Succeeds 16-8530, 16-8530A, V0001-681, 201-CJ01-681, 201-CJ03-011, V410, V410A, V505, V505A legacy inks

Applications

V4240 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.

A non-MEK, low VOC (V930) cleaner and a non-drug precursor (V940) cleaner are available.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4240	Ink	Black	MEK	750 ml (-D) 1000 ml (-L)	18 months*
V7206	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
1240, 1280 s/w V1.001.42286 or later, 1580, 1880	0-50°C	10-90%	60µm, 70µm
1880 UHS	5-45°C	10-90%	50µm

Certifications and Approvals

iQMark™: V4240 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. V4240 ink does not contain 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: V4240 ink, make-up, and cleaners are shipped in certified sustainably forested cardboard boxes. Ink and make-up cartridge components and cleaner bottles are recyclable. For information, refer to Knowledge Articles 18090 and 14286.**

Food Packaging: V4240 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: V4240 ink meets the requirements of CONEG model legislation including 94/62/EC. For information, refer to Knowledge Article 1153.**

RoHS: V4240 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: V4240 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For information, refer to Knowledge Article 1156.**

Halogens: V4240 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For information, refer to Knowledge Article 7920.**

**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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