



Continuous Inkjet Ink

V4283

Description

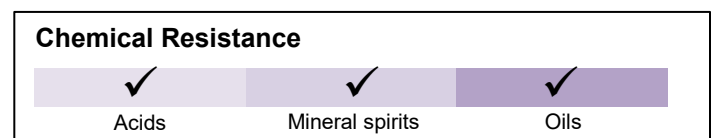
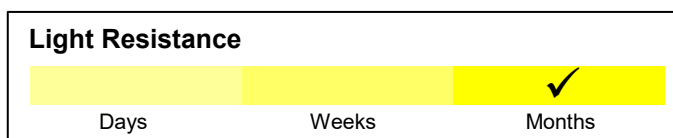
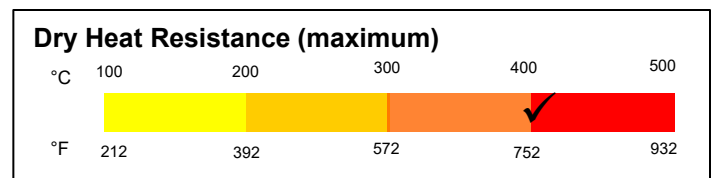
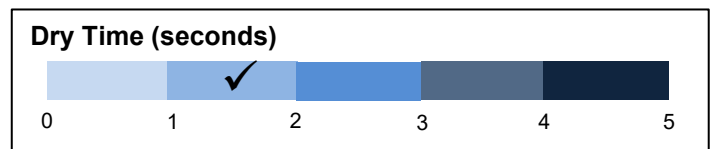
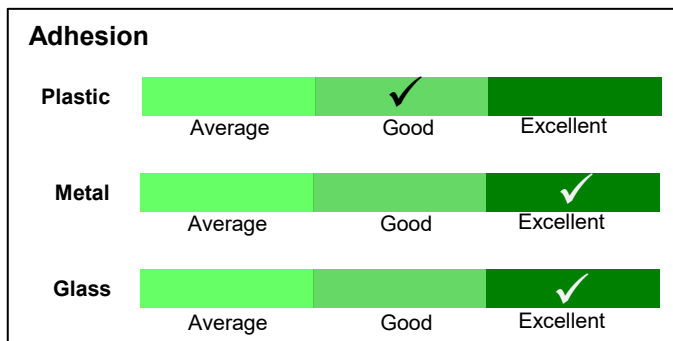
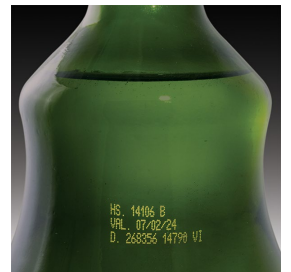
V4283 is a soft-pigmented yellow MEK (methyl ethyl ketone) based ink. This ink is ideal for coding and marking reusable darkly colored glass and metal substrates. It was specially formulated for condensation and pasteurization resistance typically found in returnable beverage applications and is qualified for use in Videojet continuous inkjet (CIJ) printers. V4283 features a patented ink formula.

Benefits

- Fast dry time
- Condensation, ice water, pasteurization, heat, and light resistance
- Caustic washable, typically 1 - 3% @60C, for returnable glass and metal containers
- Resistant to acetic acid, mineral spirits, propylene glycol, motor oil, and vegetable oil
- Contrast on dark substrates
- Succeeds V483AB and 16-8570 CIJ inks

Applications

V4283 ink delivers excellent adhesion to a wide variety of substrates including acrylonitrile butadiene styrene (ABS), aluminum, glass, polystyrene, polyvinylchloride, steel, and nylon. Its excellent adhesion and water resistance makes this ink ideal for dark or light glass and metal beverage containers.



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Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V4283	Ink	Yellow	MEK / Ethanol	700 ml (-E)	12 months*
V7221	Make-up	Colorless to pale yellow	MEK / Ethanol	750 ml (-D)	24 months*
V905	Cleaner	Colorless to pale yellow	MEK / Ethanol	1 liter (-Q)	30 months*

Storage: *Store between 2°C and 35°C. Shake ink cartridges for two (2) minutes before installing into the printer.

Printer Parameters

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

Compliance

iQMark™: V4283 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. V4283 ink does not contain 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 15065, 14647, and 14634.**

Product Packaging: V4283 ink, make-up, and cleaners are shipped in sustainably forested cardboard boxes. Ink and make-up cartridge components and cleaner bottles are recyclable. For information, refer to Knowledge Article 14286.**

Heavy Metals: V4283 ink meets the requirements of CONEG model legislation including 94/62/EC. For information, refer to Knowledge Article 14629.**

Food Packaging: V4283 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 Articles 14389 and 17977.**

RoHS: V4283 ink meets the requirements of the RoHS 2 Directive 2011/65/EU and Directive (EU) 2015/863. For information, refer to Knowledge Article 14656.**

REACH: V4283 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For information, refer to Knowledge Article 14655.**

Halogens: V4283 ink meets the International Electrotechnical Commission (IEC) definition of Halogen-Free. For information, refer to Knowledge Article 14375.**

**Environmental, Health, Safety, and Regulatory information can change without notice, consult the current Safety Data Sheet (SDS) which is available in multiple languages and country formats on the Videojet website. Knowledge Articles are available by calling or emailing Videojet.

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