



Continuous Inkjet Inks

V4230

Description

V4230 is a black MEK ink qualified for use in Videojet continuous inkjet (CIJ) printers. This ink was specially formulated for kraft abrasion resistance on rigid HDPE (high density polyethylene) containers. It has excellent adhesion and abrasion resistance on a wide variety of substrates, including many challenging substrates such as high- and low-density polyethylene (HDPE and LDPE), and polyethylene (PE), and polypropylene often found in CPG packaging. Patent pending!

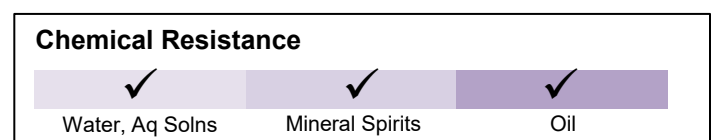
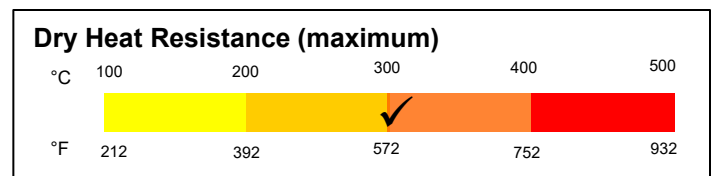
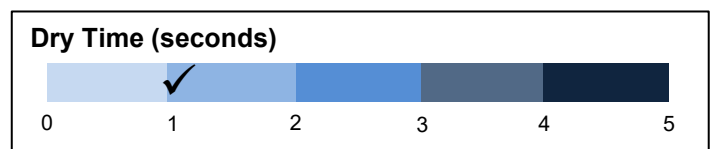
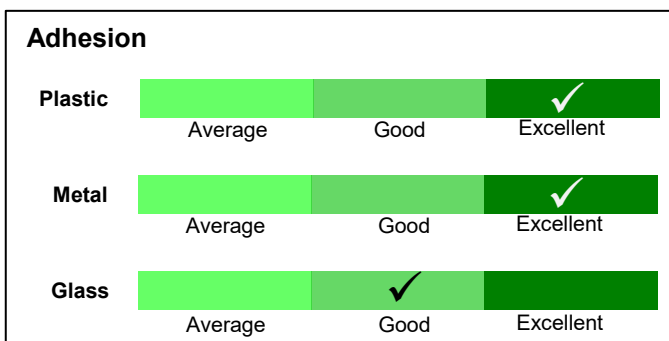
Benefits

- iQMark™ food packaging ink offering:
 - Compliant with Swiss Food Packaging Ordinance
 - No European Printing Ink Association (EuPIA) Exclusion List materials
- Scratch and rub resistance on HDPE, LDPE, and polypropylene
- Resistant to acids, bases, mineral spirits, and oils
- Slight gasoline resistance

Applications

V4230 ink delivers excellent adhesion to a wide variety of substrates including acrylonitrile butadiene styrene (ABS), aluminum, high density polyethylene (HDPE), polystyrene, polyvinylchloride (PVC), polycarbonate, polyester, steel, and nylon. Specifically formulated for HDPE rigid containers such as cleaner spray bottles, detergent bottles, shampoo/conditioner bottles, motor oil bottles, and many others. It has excellent adhesion to other plastics, including pipe, wire & cable, and flexible films.

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
V4230	Ink	Black	MEK	750 ml (-D)	24 months*
V7206	Make-up	Colorless to pale yellow	MEK	750 ml (-D)	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
1280 S/W V34949 or later, 1580 S/W V36633 or later, and 1880	0-50°C	10-90%	60µm, 70µm

Certifications and Approvals –

iQMark™: V4230 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: V4230 ink meets the requirements of CONEG model legislation including 94/62/EC. For more information, refer to Knowledge Article 1153.**

RoHS: V4230 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: V4230 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For more information, refer to Knowledge Article 1156.**

Food Packaging: V4230 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, Regulation (EC) No. 2023/2006, Swiss Food Contact Ordinances SR817.0, SR817.02 and SR817.023.21, and European Printing Ink Association (EuPIA) Exclusion List. For more information, refer to Knowledge Article 7921.**

Other: V4230 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.

Order supplies shop.videojet.com
Call **800-843-3610**
Email info@videojet.com
Or visit www.videojet.com

Videojet Technologies Inc.
1500 Mittel Blvd. Wood Dale IL 60191 / USA



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