



## Continuous Inkjet Inks

# V430

### Description

V430 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

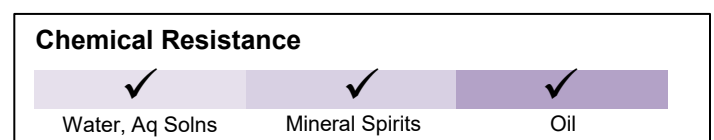
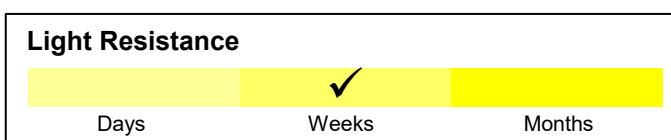
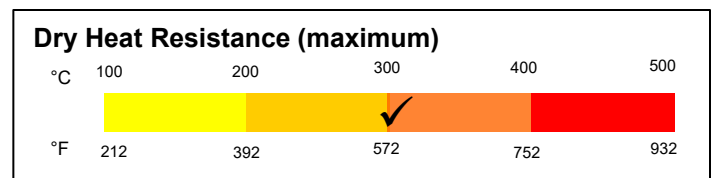
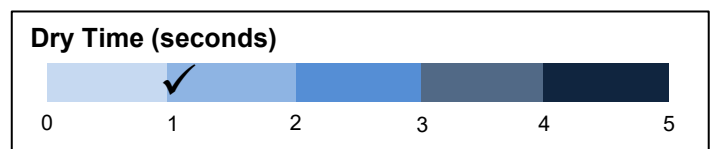
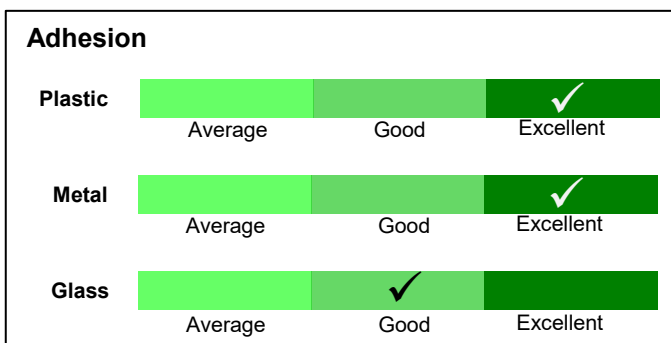
- iQMark™ food packaging ink offering:
  - Compliant with Swiss Food Packaging Ordinance
  - No European Printing Ink Association (EuPIA) Exclusion List materials
- Scratch and rub resistance on HDPE, LDPE, and polypropylene
- Resistant to acids, bases, mineral spirits, and oils
- Slight gasoline resistance
- Chase conversion compatible with V411 and V431, no flush required.



### Applications

This 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.



# V430

## Continuous Inkjet Inks

### Specifications

Product	Product Type	Color	Solvent Type	Container Size	Shelf life
V430	Ink	Black	MEK	750 ml (-D)	24 months*
V706	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
1210, 1220, 1510, 1520, 1530, 1560, 1610, 1620, 1620 DH, 1630, 1650, 1660	5-45°C	10-90%	60µm, 70µm

### Certifications and Approvals –

**iQMark™:** V430 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. V430 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.\*\*

**Food Packaging:** V430 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 information, refer to Knowledge Article 7921.\*\*

**Heavy Metals:** V430 ink meets the requirements of CONEG model legislation including 94/62/EC. For information, refer to Knowledge Article 1153.\*\*

**RoHS:** V430 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:** V430 ink is in compliance with EU Regulation (EC) No. 1907/2006 as amended. For information, refer to Knowledge Article 1156.\*\*

\*\*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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